



1800 Curd Road
Mt. Juliet, TN 37122
Phone: (615) 758-5606
Fax: (615) 758-5645

*The course catalog is designed to be the student's planning guide
for the upcoming school year at Mt. Juliet High School*

MESSAGE FROM THE PRINCIPAL

Dear students,

The information in this catalog will help you make decisions concerning your future. You need to spend time reviewing the course offerings. Decide which classes will be most beneficial to you now and to your life after you graduate from Mt. Juliet High School. You have many options as you are making your choices.

Mel Brown

ADMINISTRATIVE PERSONNEL

Principal: Mel Brown

Assistant Principals: Candis Angle
Beverly Sharpe
Clint Wilson

Guidance Counselors: Christy Walker (A – Delo)
Lainie Harrison (Delp – Kenn)
Kathie Reynolds (Kent – Richardson, S)
Arlene Barlow (Richardson, T – Z)

PUBLIC NOTICE

The information contained in this publication is intended to be used as a guide in the selection of high school courses. Students should discuss this information with parents and teachers. If there are any questions concerning any aspect of registration, students and/or parents are invited to discuss the situation with the counselors or principals.

The Guidance Department of the school will, individually or in small groups, make available registration counseling services. Students are encouraged to take advantage of these services. In addition, the Guidance Department is open for appointments with parents who wish further individualized service.

The following phone numbers may assist you:

Mt Juliet High School – 758-5606
Mt Juliet High School Guidance – 758-5646
Wilson County Schools – 444-3282
Wilson County Vocational Center – 444-1104

The Wilson County School System does not discriminate on the basis of sex, race, color, national origin, or handicapping conditions when considering students for enrollment in its education programs. Anyone who feels he has been discriminated against should contact the Director of Wilson County Schools, 351 Stumpy Lane, Lebanon, Tennessee 37087, 615-444-3282.

REGISTRATION PROCEDURES/SCHEDULE CHANGES

Registration begins in mid January. Counselors will meet with students individually to help them select the best courses to ensure their graduation from MJHS and preparation for post high school plans. ***The student's schedule request form must be signed by a parent and must be returned to the Guidance Office.*** If the schedule request is not returned with a parent signature, the Counselor will select courses on behalf of the student. Much attention is given to careful course selection and to creating a master schedule that allows the greatest number of students the best schedule possible. Therefore, following the completion of registration, schedule changes will be limited. Schedule revisions will be considered ONLY for the following reasons:

- A student wishes to balance his academic load (These requests will be considered on a "space available' basis)
- A student wishes to sequence courses (These requests will be considered on a "space available' basis)
- A student passed a course he assumed he failed
- A student failed a course required for graduation

All class schedules are considered final when schedules are distributed. ***Requests to transfer from one teacher to another teacher for the same course will not be honored.*** (The only exception will be if the student previously failed the course under that teacher.) ***Requests to drop a course to prevent lowering the GPA due to low/failing grades will not be honored.***

TENNESSEE SCHOLARS

The Tennessee Scholars Program is a course of study that encourages students to take more demanding classes in high school which will better prepare them to enter a technical school, community college, university, or the workforce.

As Tennessee Scholars, students are recognized by teachers, parents, and community leaders as students who accept challenges and set high goals. Tennessee Scholars have opportunities for better jobs and are stronger candidates for certain types of financial aid and scholarships in college.

In order for a student to be a Tennessee Scholar, he/she must fulfill these requirements:

- 4 English Courses
- 4 Mathematics Courses (Algebra I, Algebra 2, Geometry, and one (1) high level course)
- 3 Science Courses (Biology and two other lab sciences)
- 3 History Courses (U.S. History, Economic and U.S. Government are required)
- 1 Business/Computer Course
- 1 Wellness Course
- 2 Foreign Language in the same language
- 2 Technical Courses in the same cluster
- 20 hours of Community Service
- An overall "C" average in all Tennessee Scholar Courses
- 95% Attendance
- No Out-of-School Suspensions
- ** Special Recognition at Graduation****

APPROVED PROGRAM OF STUDY/GRADUATION REQUIREMENTS STUDENTS ENTERING HIGH SCHOOL *IN OR AFTER* FALL OF 2009

Effective with the **incoming Freshman Class of 2009-10**, all students must earn **28** credits and meet all requirements listed below to graduate. There is one graduation path for all students as they pursue a program of study preparing them for postsecondary study or the workforce and lifelong learning.

English	4 credits English I, II, III, and IV*
Math	4 credits Algebra I*, Geometry*, Algebra II, and a 4 th Math class Students MUST take a math class every year The 4 th Math class will be determined by the student's ACT score**
Science	3 credits Biology I Chemistry OR Physics* 3 rd Lab Science
Social Studies	4 credits World History OR World Geography US History Economics* Government*
Personal Finance	1 credit
Wellness*	1 credit
Physical Education	1 credit
Fine Arts	1 credit
Foreign Language	2 credits in the same language
Elective Focus	3 credits

*There may be approved substitutions for these courses. See course descriptions.

** All 11th grade students will take the ACT. Students scoring below a 19 on the math component will be placed in a Bridge Math Class.

What is an Elective Focus?

An Elective Focus is a focused program of study. Three (3) credits must be earned in one of the programs of study. These 3 credits are in addition to the required credits for graduation.

The **Elective Focus** areas are:

Math / Science

This includes any Math or Science class above and beyond the seven (7) required Math and Science courses for graduation. A student must earn a minimum of 10 (ten) credits in Math / Science to have a Math/Science Elective Focus.

Humanities

This includes any Social Studies, English, or Foreign Language class above and beyond the ten (10) required courses for graduation. A student must earn a minimum of thirteen (13) credits in Humanities to have a Humanities Elective Focus.

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Fine Arts

This includes any music, band, chorus, theatre, art, dance class above and beyond the one (1) credit required for graduation. A student must earn a minimum of four (4) credits in Fine Arts to have a Fine Arts Elective Focus.

JROTC

This includes JROTC courses above and beyond those used as approved substitutions. To earn an Elective Focus in JROTC, a student must complete JROTC I – VII at a minimum.

CTE

Please refer to the Career Clusters as detailed in the course descriptions

Elective Focus	Course include	Required Credits for Graduation	Required credits for Graduation + Elective Focus
Math / Science	Math	4	The required 7 plus 3 Total 10
	Science	3	
		Total 7	
Humanities	Social Studies	4	The required 10 plus 3 Total 13
	Foreign Languages	2	
	English	4	
		Total 10	
Fine Arts	Music	1 any Fine Arts course	The required 1 plus 3 Total 4
	Band		
	Dance		
	Art		
	Chorus		
JROTC	JROTC		JROTC I - VI
CTE	See Career Clusters in the course catalog		

TESTING REQUIREMENTS

End of Course Assessments

All students will be required to take End of Course Assessments. Although students are not required to pass the End of Course Assessments in order to graduate, these assessments are linked to the student’s final grade for the course.

The **End of Course (EOC)** assessments are linked to the following courses:

- English I *
- English II *
- English III
- Algebra I *
- Geometry
- Algebra II *
- US History *
- Biology *
- Chemistry
- Physics

* EOC Tests will be administered in the current school year, 2009-2010.

Additional Tests

All students will take the following tests:

In grade 10, all students will take the **PLAN** test

In grade 11, all students will take the **ACT** test and the **TCAP Writing Assessment**

GRADE PLACEMENT AND PROMOTION STANDARDS

Units for graduation from a Wilson County high school are counted from the ninth grade forward. Students must successfully complete their maximum potential for earning credit over a four-year span. Maximum potential is defined as an individual's opportunity to earn all high school credits available within an academic year. In order to graduate from a Wilson County school, a student must earn a minimum for twenty-eight (28) credits. Credits earned in the Wilson County School System shall be awarded in increments of one (1) unit. In order to participate in the commencement exercises (graduation), a student must fulfill all graduation requirements as stipulated by the Tennessee Department of Education and the Wilson County Board of Education. Any student who is a senior and has not completed the assignment time at MAP five days before the end of the school year may not participate in the graduation ceremony. If all academic work has been completed that will allow the student to graduate, then the student can pick up the diploma on the first school day after graduation.

Grade placement is based on the number of credits (units) accumulated by a student each school year. Placement will be made as follows:

Freshman	Passed/Promoted from the 8 th grade
Sophomore	Earned six (6) credits
Junior	Earned thirteen (13) credits
Senior	Earned twenty (20) credits
Graduation	Earned twenty-eight (28) credits

ACCREDITATION

Mt Juliet High School is accredited by the Tennessee State Department of Education and the Southern Association of Colleges and Schools.

POST SECONDARY EDUCATION ADMISSION REQUIREMENTS

Any student who plans to continue his/her education beyond high school in a technical school, community college, or four-year college or university should select courses that meet the admission requirements of that institution. The admission requirement of colleges and universities differ widely, so it is important that the student determine the admissions requirement for the school in which he/she is interested. Individual institutions may require other courses in addition to the minimum requirements for graduation from Wilson County Schools.

Research conducted by ACT shows that it is the rigor of high school courses – rather than simply the number of courses – that best prepares students for college. ACT data show that students who take and work hard in higher-level courses are most likely to be college ready.

Note: All Universities/Colleges in Tennessee and the Board of Regents universities** have the following course requirements for admission:

- 4 credits of English
- 3 credits of Mathematics
- 3 credits of Natural/Physical Science (including at least one unit of Biology, Chemistry, or Physics with lab)
- 1 credit of U.S. History
- 1 credit of Economics
- 1 credit of U.S. Government
- 1 credit of World History OR World Geography
- 2 credits of the SAME Foreign Language
- 1 credit of Fine Arts (drama, art, art history, band, choir, dance)

** Austin Peay State University, East Tennessee State University, University of Memphis, Middle Tennessee State University, Tennessee State University, and Tennessee Tech University.

HOPE SCHOLARSHIP

The HOPE lottery scholarship provides a tremendous opportunity for all students to earn continued support from the state for education beyond high school. The Award amount is \$4,000 for 4-year institutions and 2-year institutions that offer on-campus housing; \$2,000 for 2-year institutions (not to exceed the cost of attendance)

The criteria for receiving the HOPE lottery scholarship:

- o Minimum 21 ACT (Composite)/980 SAT (Math + Critical Reading ONLY) on a national test date **OR**
- o Final cumulative 3.0 GPA for entering freshmen graduating from eligible public or category 1, 2 or 3 private high schools
- o GED students must have minimum ACT/SAT test scores stated above **AND** 525 on the GED test
- o TN home-school and non-category 1, 2 or 3 private high school graduates must have minimum ACT/SAT test scores stated above **AND** must have been enrolled in the school for 2 years immediately preceding graduation

Other lottery scholarships are also available based on financial need and/or academic merit. Visit <http://www.tn.gov> and enter "HOPE scholarship" in the search engine for more information.

PRINCIPAL'S LIST/HONOR ROLL

- To be eligible for either the Principal's List or Honor Roll, a student must be enrolled in a minimum of three (3) credits each term.
- To be eligible for Principal's list, students must have all A's in all subjects
- To be eligible for Honor Roll, students must have A's and B's each grading period.

SUMMER SCHOOL

The Wilson County School System may provide an organized summer educational program. It shall be under the control and management of the Board of Education. The Wilson County Board of Education has not finalized plans for the upcoming summer at this time.

COLLEGE ADMISSION TESTS

All colleges and universities require students to take at least one admissions test. The most commonly required tests are the American College Test (ACT) and the Scholastic Aptitude Test (SAT). The ACT measures the knowledge and skills that students have acquired throughout their education. The ACT, which is given five (5) times a year, emphasizes students' capabilities in understanding and interpreting information, solving problems, and applying knowledge and skills. The PLAN Test (pre-ACT) is administered to all sophomores. PLAN is a good indicator of strengths and weaknesses in the core academic areas, as well as a good predictor of how well students will perform on the ACT. The ACT assessment results are valuable in educational and vocational counseling, career planning, and college planning. Registration materials are available in Guidance or you can visit the website at <http://www.act.org>.

The SAT measures developed verbal and mathematical reasoning abilities related to successful performance in college. The SAT is intended to supplement the secondary school record and other information about the student in assessing readiness for college-level work. The PSAT is an important diagnostic tool in assessing the student's verbal and mathematical skills. The test is also a predictor for performance on the SAT and provides the opportunity to qualify for scholarships and enrichment programs.

TYPES OF DIPLOMAS/CERTIFICATES

Students who entered high school in or after the Fall of 2009, upon graduation from Wilson County Schools, may earn one of the following types of diplomas/certificates:

- 1) A **Regular High School Diploma** will be awarded to students who meet all graduation requirements. A Regular High School Diploma will also be awarded to students with disabilities that earn a minimum of 22 specified units of credit and have satisfactory records of attendance and conduct. Courses that have historically proven to be difficult for students with disabilities, such as Algebra 1, Geometry, and Biology will be offered in a setting that permits increased instructional time. Accommodations may be made in courses to prevent the student for being penalized for the affects of the disability. Students failing to earn a final average of 70 in a course that requires an End-of-Course (EOC) test and whose disability adversely effects performance on that test will be allowed through an approved process to add to their end-of-course assessment through an alternative performance based assessment that has been approved by an IEP team. In addition, the Fine Arts and Foreign Language requirements may be waived by the IEP team for students who are sure they are not going to attend a University and replaced with courses designed to enhance and expand the elective focus. Work –based learn (WBL) will be available for all students with disabilities and may be used to satisfy the elective focus. For an explanation of the specified credits, speak with the student’s guidance counselor or IEP case manager.
- 2) A **Transition Certificate** or an **IEP Certificate** may be awarded to students with disabilities based on the educational program outlined in the student’s IEP. The pursuit/awarding of these certificates will be determined by the IEP team

ACADEMIC HONORS STUDENTS ENTERING HIGH SCHOOL IN OR AFTER THE FALL OF 2009

The State of Tennessee has determined the criteria for graduating with honors and/or graduating with distinction as follows:

Graduation with HONORS

Students who score at, or above, all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT will graduate with honors. Students scoring at the readiness benchmark are 50% likely to attain a B in their first college course in that subject area and have a 75% chance of attaining a C in college.

The readiness benchmarks are as follows:

- English – 18
- Math – 22
- Social Studies – 21
- Science -24

Graduation with DISTINCTION

Students will be recognized as graduating “with distinction” by attaining a “**B**” average and completing at least 1 (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 either a National Merit Finalist or Semi-Finalist
- Attain a composite ACT score of 31 or higher
- Attain a score of 3 or higher on at least 2 AP exams
- Earn 12 or more semester hours of transcribed college credit

Students may graduate with **both** HONORS and DISTINCTION by meeting the criteria of both

HONORS AND ADVANCED PLACEMENT COURSES

ADVANCED PLACEMENT

*An **Advanced Placement** diploma seal will be earned by fulfilling all of the following:

- 1) Completion of at least four (4) Advanced Placement courses, including at least one (1) in three different areas (English, Math, Social Studies, and Science); completion of an AP course includes taking the AP exam
- 2) An un-weighted course work GPA of at least a B in each course.

Current AP Courses:

AP Biology	AP English Literature and Composition	AP Psychology
AP Calculus AB	AP Environmental Science	AP Spanish
AP Calculus BC	AP European History	AP Statistics
AP Chemistry	AP German	AP Studio Art
AP Comparative Government and Politics	AP Macro-Economics	AP US Government and Politics
AP English Language and Composition	AP Physics	AP US History

Cost for each AP exam is \$86.

HONORS

To create consistency in Tennessee public schools, the following framework of standards is required by the State Board of Education to ensure that additional rigor is being provided in all **Honors courses**. Each Honors course must include at least five (5) of the nine (9) components or strategies listed below*:

- ✓ Extended reading assignments that connect with the specified curriculum;
- ✓ Research-based writing assignments that address and extend the course curriculum;
- ✓ Projects that apply course curriculum to relevant or real-world situations;
- ✓ Open-ended investigations in which the student selects the questions and designs the research;
- ✓ Writing assignments that demonstrate a variety of modes, purposes, and styles;
- ✓ Integration of appropriate technology into the course of study;
- ✓ Deeper exploration of the culture, values, and history of the discipline;
- ✓ Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation; and
- ✓ Job shadowing experiences with presentations that connect class study to the world of work.
- ✓ Components may vary from one subject area to another.

Current Honors Courses:

Honors Advanced Algebra & Trigonometry	Honors Chemistry II	Honors Pre Calculus
Honors Agriscience	Honors Economics	Honors Spanish IV
Honors Algebra II	Honors English I, II, III, IV	Honors Statistics
Honors Anatomy & Physiology	Honors Geometry	Honors US History
Honors Biology	Honors Government	Honors World Geography
Honors Chemistry I	Honors Physics	Honors World Studies

DUAL ENROLLMENT

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) will earn high school *and* college credit. Payment of college tuition remaining after the HOPE (Lottery) Scholarship has been applied is required. Students should verify with the university that they will be attending that the credit will be accepted. Dual Enrollment courses are open to students in grades 11 and 12.

Prerequisites:

- 1) Grade point of 3.0 in the subject area of enrollment.
- 2) A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest.
- 3) Appropriate course prerequisites.

Board-approved materials fee may be collected.

WEIGHTED COURSE POLICY

Advanced Placement

Per Tennessee Board of Education Policy, 5 points will be added to a student's final grade in an AP course. Additionally, final grades in all AP courses will be increased by 1.0 for a grade of C or higher (A = 5 pts, B = 4 pts, C = 3 pts)

Honors Courses

Per Tennessee Board of Education Policy, 3 points will be added to a student's final grade in an Honors course. Additionally, final grades in all Honors courses will be increased by 0.5 for grades of C or higher (A = 4.5 pts, B = 3.5 pts, C = 2.5 pts)

Dual Enrollment and Dual Credit Courses receive Honors weighting.

STUDENT ATHLETES

A student's eligibility to participate in interscholastic athletics is determined by the Tennessee Secondary Schools Athletic Association (TSSAA) as set forth in its eligibility rules. Coaches and counselors shall monitor student athletes' academic status.

NCAA Division One Freshman Eligibility

The following requirements must be met in order to be classified as a "qualifier":

1. Graduate from high school
2. Completion of thirteen (13) academic core courses as follows:

English	4 credits
Mathematics	3 credits (Must be at the level of Algebra I or above)
Natural or Physical Science	2 credits (Must include at least one lab course)
Additional Courses	1 credit (Must be in English, Math, Natural/Physical Science)
Social Sciences	2 credits
Additional Academic Courses	4 credits (In any of the above areas or foreign language, philosophy, or non-doctrinal religion courses).
3. Have a core-course grade point average of 2.0 and either a combined score on the SAT verbal and math sections of 820 or a sum score on the ACT of 68 based on the qualifier index scale.

Course Descriptions: 2010-2011

The following course descriptions are arranged by department. A course entry gives a brief description of the course, pre-requisite or co-requisites for the course, the course number, grade levels that can register for the course, and the credit(s) given. As indicated, there are courses listed that are required for graduation. Other courses are electives that are offered based on student enrollment and the availability of certified teachers. All courses listed in this catalog are approved by the Wilson County Board of Education. Please note that not all courses are offered every year. Course offerings are based upon factors including, but not limited to, certified and highly qualified teacher availability, student interest, and scheduling opportunities.

Special Notes: *(1) If a course is listed as a prerequisite, students must complete and receive a passing grade in the course.*
(2) Students who register for courses in which two (2) or more credits are awarded are required to remain in the course for the entire time period registered.

HONORS COURSES

Honors, Advanced Placement, and Dual Enrollment classes are offered in addition to standard level classes in various subject areas.

To create consistency in Tennessee public schools, the following framework of standards is required by the State Board of Education to ensure that additional rigor is being provided in all honors courses. Under the changes, all honors course must include at least five (5) of the nine (9) components or strategies listed below*:

- ✓ Extended reading assignments that connect with the specified curriculum;
- ✓ Research-based writing assignments that address and extend the course curriculum;
- ✓ Projects that apply course curriculum to relevant or real-world situations;
- ✓ Open-ended investigations in which the student selects the questions and designs the research;
- ✓ Writing assignments that demonstrate a variety of modes, purposes, and styles;
- ✓ Integration of appropriate technology into the course of study;
- ✓ Deeper exploration of the culture, values, and history of the discipline;
- ✓ Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation; and
- ✓ Job shadowing experiences with presentations that connect class study to the world of work.

* Components may vary from subject area to subject area.

ENGLISH / LANGUAGE ARTS

All students who are classified as juniors will be required to take the TCAP Writing Assessment.

ENGLISH 1 (3001)

1 credit

Board-approved materials fee may be requested, but not required.

The study of basic communication skills, literary skills, usage, speech, and spelling; the review of grammar and its application to composition; an emphasis on the development of essay-writing skills, especially persuasive essays; and an introduction to basic literary selections. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

ENGLISH 1 - HONORS (3001H)

1 credit

Prerequisite: Students must meet at least one of the following:

- 93 average in 8th grade English
- Teacher recommendation from the 8th grade English teacher
- A score on the seventh grade TCAP assessment in the advanced category

Board-approved materials fee may be requested, but not required.

Includes the same material as English I, with a more intensive study of composition (especially persuasive essays) and literature. Grammatical skills should be intact with little or no remediation necessary. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

ENGLISH 2 (3002)

1 credit

Prerequisite: English 1

Board-approved materials fee may be requested, but not required.

A continuation of English 1. Students work to comprehend and produce a wide variety of texts, including traditional works of literature, practical and persuasive forms of communication that involve speaking and listening skills, and the use of appropriate technology and media forms. Emphasizes the communication and critical thinking skills that empower students to function effectively in a rapidly changing world. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

ENGLISH 2 - HONORS (3002H)

1 credit

Prerequisite: Students must meet at least one of the following:

- 93 average in English 1
- 85 average in Honors English 1

Board-approved materials fee may be requested, but not required.

Focuses on those skills begun in the first level. Stresses composition, including an emphasis on persuasive essay writing, an introduction to the research paper (including an introduction to MLA documentation), and a research project; literary analysis; and communication. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

HONORS WORLD STUDIES: (3002H/3401H)

Open to grade 10

2 credits (1 credit in Honors World History and 1 credit in Honors English 2)

Pre-requisite: Students must meet at least one of the following:

- 93 average in English 1
- 85 average in Honors English 1

Board-approved materials fee may be requested, but not required.

A multi-disciplinary course, incorporating the literature, music, art, culture, social structure, and lifestyle of each era in world history. Emphasis on writing, research, and research-based student-initiated projects. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade. Summer reading may be required.

2/10/10

ENGLISH 3 (3003)

1 credit

Prerequisite: English 2

Board-approved materials fee may be requested, but not required.

A continuation of the study of grammar, usage, composition, and communication skills, with emphasis on vocabulary building, spelling, letter and persuasive essay writing, and library and dictionary skills. The focus is on American literature. Students in English III and who are classified as juniors will be required to take the TCAP Writing Assessment Test. This course will continue to focus on writing skills which will prepare students to be successful when writing persuasive essays. A research paper is required.

ENGLISH 3 - HONORS (3003H)

1 credit

Prerequisite: Students must meet at least one of the following:

- 93 average in English 2
- 85 average in Honors English 2

Board-approved materials fee may be requested, but not required.

An in-depth study of American literature and composition. Students in English III and who are classified as juniors will be required to take the TCAP Writing Assessment Test. This course will continue to focus on writing skills which will prepare students to be successful when writing persuasive essays. A research paper is required.

ENGLISH 3: ADVANCED PLACEMENT English Language and Composition (3013)

1 credit

Prerequisites: Students must meet two (2) of the following criteria:

- A PLAN composite of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- 93 average in English 2 or 85 in honors English 2; or
- Recommendation from two (2) previous English teachers.

A writing sample may be required.

Board-approved materials fee may be requested, but not required.

“An AP Course in English Language and Composition engages students in becoming skillful readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and becoming skilled writers who compose for a variety of purposes.” (College Board)

Summer reading is required and is based on the teacher’s approved syllabus from the College Board. This list will be made available to students at each school. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement English 3, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

ENGLISH 4 (3005)

1 credit

Prerequisite: English 3

Board-approved materials fee may be requested, but not required.

Focuses on the study of language, composition, and British literature. A research paper is required.

ENGLISH 4 - HONORS (3005H)

1 credit

Prerequisite: Students must meet at least one of the following:

- 93 average in English 3
- 85 average in Honors English 3

Board-approved materials fee may be requested, but not required.

Includes the study of language, British literature, and composition, including essays. An expanded research paper is required.

2/10/10

ENGLISH 4 – APPLIED COMMUNICATIONS (3007)

1 credit

Prerequisites: Students must meet each of the following:

- Credit in a career/technical class
- Must have already passed the Gateway English 2 test

Board-approved materials fee may be requested, but not required.

This course is designed for students who are CTE concentrators. Emphasizes communication, employability, decision-making, computer literacy, and technical writing skills. This course equips students with communication skills needed to work and compete in a highly technological society. Satisfies the English 4 (NOT Honors English 4) credit required for graduation.

ENGLISH 4: ADVANCED PLACEMENT English Literature and Composition (3014)

2 credits (full-year)

Prerequisites: Advanced Placement English 3; OR two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- a TCAP writing score of 5 or 6 in the eleventh grade
- 85 in honors English 3; or
- recommendation from two (2) previous English teachers.

A writing sample may be required.

Board-approved materials fee may be requested, but not required.

“An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work’s structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.” (College Board)

Summer reading is required and is based on the teacher’s approved syllabus from the College Board. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement English 4, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

DUAL ENROLLMENT COURSES

Refer to Board Policy 4.205

THE FOLLOWING CLASSES ARE ENGLISH/LANGUAGE ARTS ELECTIVES:

(THE) BIBLE (3497)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

A course that is designed to provide students with an understanding of the Bible and its influence on history, literature, law, and culture. (This course is also listed under Social Studies.)

CREATIVE WRITING (3012)

Open to grades 11 and 12

1 credit

Prerequisites: Application to include a writing sample; and recommendation from one (1) previous English teacher.

Board-approved materials fee may be requested, but not required.

Focuses on self-expression, writing styles, diction, sentence structure, and format. Emphasizes the steps of process writing, writing for a variety of audiences, and diverse genres of writing (i.e. short stories, poetry, essays, drama).

2/10/10

GATEWAY/EOC ENGLISH (3080)

An intervention option for students which will enhance the opportunity for success the Tennessee Gateway Test / End of Course Test for English 2.

1 credit

Elective credit only; will not substitute for required English credit

Board-approved materials fee may be requested, but not required.

This course focuses on those areas necessary for success on the Tennessee Gateway/End of Course English 2 test, including reading, writing, viewing and representing, and speaking and listening.

JOURNALISM: NEWSPAPER (3008P)

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits per year

Students are selected by application.

A course that focuses on basic and advanced news/sports, feature, and editorial writing; interviewing techniques; journalistic usage, style, and terminology; page design; photography; headline writing; and finances.

JOURNALISM: YEARBOOK (3008Y)

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits per year

Students are selected by application.

A course that offers experience in layout design, copy writing, word processing, artistic design, editing skills, photography, and production of the school's yearbook.

READING (3099A)

Open to grades 9 and 10

1 credit

Recommendation: Students scoring at or below the fourth (4th) stanine on the reading and/or language arts sections of the seventh (7th) or eighth (8th) grade Terra Nova.

Elective credit only; will not substitute for required English credit

Board-approved materials fee may be requested, but not required.

Focuses on developmental reading skills, including vocabulary development and reading comprehension; may be taken concurrently with English 1 or 2.

SPEECH (3015)

Open to grades 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

A basic speech course designed to improve the student's ability to compose, to think, to listen critically, and to deliver different types of speeches. Emphasizes development of ideas, organization, delivery, and debate.

ENGLISH LANGUAGE LEARNERS

ENGLISH AS A SECOND LANGUAGE 1* (3075)

1 credit

Board-approved materials fee may be requested, but not required.

Focuses on the basic skills of English for students at the beginning proficiency level. This course focuses on the basic concepts of reading, writing, listening, and speaking in the English language. Designed for those students for whom English is not the primary language.

ENGLISH AS A SECOND LANGUAGE 2* (3076)

1 credit

Board-approved materials fee may be requested, but not required.

Builds upon the basics and expands comprehension with the introduction of academic vocabulary. The curriculum focuses on advancing literary skills for the development of new knowledge/skills. Designed for those students for whom English is not the primary language.

2/10/10

ENGLISH AS A SECOND LANGUAGE 3* (3077)

1 credit

Board-approved materials fee may be requested, but not required.

Builds on the skills earned in E.S.L. 2 and adds additional academic language needs. The emphasis is more on academic processes and content knowledge, rather than basics. Designed for those students for whom English is not the primary language.

ENGLISH AS A SECOND LANGUAGE 4* (3078)

1 credit

Board-approved materials fee may be requested, but not required.

Focuses on academic content appropriate for grade level of students. More reading and writing content is used. Grammar structure is emphasized. Designed for those students for whom English is not the primary language.

***NOTE: Two (2) credits in E.S.L. may substitute for two (2) of the four (4) credits In English which are required for graduation.**

FINE ARTS

ADVANCED PLACEMENT STUDIO ART (3506)

1 credit

Prerequisites: Art 1, 2, and 3; and ONE of the following:

- Art 4, OR
- Recommendation from one (1) previous art teacher

Board-approved materials fee may be requested, but not required.

A college-level course in the visual arts in which students develop a portfolio of art work, including, but not limited to, drawing, painting, mixed media, printmaking, sculpture, and computer graphics. Students are required to demonstrate excellence in three areas: **quality** (excellence in original art work); **concentration** (an in-depth personal commitment to a particular artistic concern); and **breadth** (a variety of experiences in using the formal technical and expressive means available to an artist). Students will have an original portfolio of their work, a slide presentation, and the opportunity to submit work on a compact disk. College credit is awarded based upon review of the portfolio by the A.P. College Board. For more information about Advanced Placement Studio Art, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

ART HISTORY (3515)

Open to grades 10, 11, and 12

1 credit

A study of the visual arts within cultural contexts. Emphasis is placed upon the language of the visual arts and an understanding of artists, their works, and their impact on society, leading to an appreciation of their unique place throughout history.

DANCE 1 (3525)

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Board-approved materials fee may be requested, but not required.

A course that seeks to give students experience in the study and performance of a diverse repertoire of movement. The course includes instruction in proper dance technique, performance skills, and the cultural and historical context of dance history. This course also will develop critical thinking, creativity, and perceptual skills.

DANCE 2 (3525A)

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Dance 1

Board-approved materials fee may be requested, but not required.

A continuing exploration of the techniques and concepts of Dance 1. Students will be exposed to more demanding expectations for performance technique and understanding of the art and history of dance.

2/10/10

DANCE 3 (3525B)

Open to grades 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Dance 2

Board-approved materials fee may be requested, but not required.

A continuing exploration of the history, techniques, and concepts of Dance 2. Students will focus on performance technique. This course will include instruction in creating and evaluating movement based on choreographic structures and principles.

DANCE 4 (3528)

Open to grades 11 and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Dance 3

Board-approved materials fee may be requested, but not required.

A continuing exploration of the history, techniques, and concepts of Dance 3 with focus on more advanced performance techniques. This course will include advanced instruction in creating and evaluating movement based on choreographic structures and principles.

GENERAL MUSIC 1 (3505)

Open to grades 9, 10, 11, and 12

1 credit

A study of the elements (pitch, rhythm, harmony, tone quality, form), history, and the role of music in today's society. The course will encourage active participation in performing and creating music through a balanced, comprehensive, and sequential program of study. In addition, a correlation between music, the other arts, and academic disciplines will be included.

INSTRUMENTAL MUSIC: BEGINNING (3530B)

1 credit per semester enrolled, up to 2 credits

Board-approved materials fee may be requested, but not required.

An organized class that provides musical performance and study for students with no or limited band experience. The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation. Participation in school and public performances is required.

INSTRUMENTAL MUSIC (MARCHING/CONCERT BAND) (3530)

1 credit per semester enrolled, up to 2 credits per year

Prerequisite: Open to all students who have at least one (1) year of previous band experience.

Board-approved materials fee may be requested, but not required.

An organized class that provides musical performance and study. The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation. Participation in school and public performances required.

MUSIC THEORY AND HARMONY (3514)

Open to grades 10, 11, and 12

Prerequisite: One credit in a previous high school, music based, performance class

1 credit

A course designed to give students advanced experiences in the principles of analysis and composition. The course will include instruction in fundamentals of tonal harmony and ear-training. This course will encourage the application of the concepts presented, culminating in original compositions.

THEATRE 1 (3520)

Open to grades 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

An introduction to the art of theater which includes studying, researching, critiquing, creating, designing, performing, and participating in a variety of theatre-based learning experiences as well as exploring the theatre's significance and influence on society. The course will include instruction in performance and design techniques, style, and history.

2/10/10

THEATRE 2 (3521)

Open to grades 11 and 12

1 credit

Prerequisite: Theatre 1

Board-approved materials fee may be requested, but not required.

An in-depth study of theatre arts, to include performance-based experiences while using appropriate technology and media. This course will include critical thinking, creativity, and aesthetic perception and will reinforce skills in leadership and collaboration.

THEATRE 3 (3522)

Open to grades 11 and 12

1 credit

Prerequisite: Theatre 2

Board-approved materials fee may be requested, but not required.

An in-depth study of set design, set construction, lighting, make-up, and costuming as it relates to stage and film. The course also includes techniques of stage direction and character study. Participation in school productions is mandatory.

VISUAL ART 1 (3501)

Open to grades 9, 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

A beginning course designed to provide self-expression and to explore artistic interests and capabilities of the student. Emphasis is placed upon basic art concepts, vocabulary, history, and techniques of design in their application to two dimensional art forms. Includes tempera paint, pencil, pen and ink, pastels, and three- (3) dimensional art forms.

VISUAL ART 2 (3502)

Open to grades 9, 10, 11, and 12

1 credit

Prerequisite: Art 1

Board-approved materials fee may be requested, but not required.

A course providing a more extensive experience with artistic skills while employing the basic art concepts introduced in Art 1. Includes activities intended to enhance personal enrichment in the visual arts: drawing, painting, and sculpting.

VISUAL ART 3 (3503)

Open to grades 10, 11, and 12

1 credit

Prerequisites: Art 2

Board-approved materials fee may be requested, but not required.

A course for the artistically serious-minded student. Focuses on the fine arts (drawing, painting, printmaking, and three-dimensional) and includes an intensive study of design concepts, technique, and media, with emphasis on development of individual style.

VISUAL ART 4 (3504)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Art 3

Board-approved materials fee may be requested, but not required.

An advanced course which emphasizes all aspects of art, including painting, pictorial organization, advertising, design, graphic arts, illustration, printing, sculpting, and portfolio presentation. Focuses on achieving technical mastery in the areas of art production, art criticism, aesthetics, and art history and on developing problem-solving and critical-thinking skills.

2/10/10

VOCAL MUSIC 1 (3531)

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Board-approved materials fee may be requested, but not required.

A performing choral group with a repertoire (that may include, both secular and non-secular music) that includes participation in two (2) major concerts each school year plus special performances as available and appropriate. Includes basic music theory and history.

VOCAL MUSIC 2 (3531A)

Open to grades 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1

Board-approved materials fee may be requested, but not required.

Builds upon performance skills acquired in Vocal Music 1 and includes participation in concerts and special performances. Includes music theory and history.

VOCAL MUSIC 3 (3531B)

Open to grades 11 and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1; Audition

Board-approved materials fee may be requested, but not required.

Includes advanced repertoire, performance skills, choreography, advanced music theory, and music history. Participation in concerts (small and group performances) and special community performances is required.

VOCAL MUSIC 4 (3531C)

Open to grades 11 and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1; Audition

Board-approved materials fee may be requested, but not required.

Includes advanced repertoire, performance skills, choreography, advanced music theory, and music history. Participation in concerts, small and group performances, and special community performances is required.

FOREIGN LANGUAGE

FRENCH 1 (3041)

1 credit

Prerequisite: Ninth graders must have a minimum of a 75 average in eighth grade English

Board-approved materials fee may be requested, but not required.

French I students are introduced to the four basic skills of foreign language: listening, reading, speaking, and writing. Learning occurs through an exposure to a variety of teaching methods to ensure oral and written competency at the novice level.

FRENCH 1 HONORS (3041H)

1 credit

Prerequisite: Either teacher recommendation or a grade of 85 or higher in the preceding English course

French I Honors students are introduced at an accelerated pace to the four basic skills of a foreign language: listening, reading, speaking, and writing. Learning occurs through an exposure to a variety of teaching methods to ensure oral and written competency at the novice level. Vocabulary acquisition and knowledge of basic grammar principles are also a primary focus.

FRENCH 2 (3042)

1 credit

Prerequisite: French I

Board-approved materials fee may be requested, but not required.

More intensive work in French grammar and an increased emphasis on oral comprehension, speaking, reading, and writing. Varied learning activities promote communicative skills and reinforce basic structures and vocabulary. This course also studies French history and French culture.

2/10/10

FRENCH 2 HONORS (3042H)

1 credit

Prerequisite: 85 in French I Honors or 93 in French I

French 2 Honors students work at an accelerated pace in a course that exceeds French 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. More intensive work in French grammar and an increased emphasis on oral comprehension, speaking, reading, and writing. Varied learning activities promote communicative skills and reinforce basic structures and vocabulary. This course also studies French history and French culture.

FRENCH 3 (3043)

1 credit

Prerequisite: French 2

Board-approved materials fee may be requested, but not required.

Major emphasis on oral and written expression and comprehension; includes advanced work with French grammar, the study of French literature, and a detailed study of French history and French culture.

FRENCH 3 HONORS (3043H)

1 credit

Prerequisite: 85 in French 2 Honors or 93 in French 2

French 3 Honors students work at an accelerated pace in a course that exceeds French 3 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A major emphasis is placed upon oral and written expression and comprehension; includes advanced work with French grammar, the study of French literature, and detailed study of French history and French culture.

GERMAN 1 (3051)

1 credit

Prerequisite: Ninth graders must have a minimum of a 75 average in eighth grade English

Board-approved materials fee may be requested, but not required.

An introductory course which explores the German language through the five (5) basic areas of communication, culture, connections, comparisons, and community. The course focuses on listening and speaking skills with some reading of lists, signs, picture captions, post cards, letters, and other similar texts. Initiates an awareness of Germany's position in the European community and its importance as a participant in the global economy.

GERMAN 1 HONORS (3051H)

1 credit

Prerequisite: Either teacher recommendation or a grade of 85 or higher in the preceding English course

German 1 Honors students work at an accelerated pace in a course that exceeds German 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. This introductory course explores the German language through the five basic areas of communication, culture, connections, comparisons, and community. The course focuses on listening and speaking skills with some reading of lists, signs, picture captions, post cards, letters, and other similar texts. Initiates an awareness of Germany's position in the European community and its importance as a participant in the global economy.

GERMAN 2 (3052)

1 credit

Prerequisite: German 1

Board-approved materials fee may be requested, but not required.

A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community. Increased opportunities to improve speaking fluency. Emphasis is placed upon grammatical concepts within conversational contexts to improve accuracy.

GERMAN 2 HONORS (3052H)

1 credit

Prerequisite: 85 in German I Honors or 93 in German I

German 2 Honors students work at an accelerated pace in a course that exceeds German 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community. Increased opportunities to improve speaking fluency. Emphasis is placed upon grammatical concepts within conversational contexts to improve accuracy.

2/10/10

GERMAN 3 (3053)

1 credit

Prerequisite: German 2

Board-approved materials fee may be requested, but not required.

A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community, with an emphasis on fluency and accuracy in conversational skills. Students will converse in various situations to include at least one exercise from a business environment.

GERMAN 3 HONORS (3053H)

1 credit

Prerequisite: 85 in German 2 Honors or 93 in German 2

German 3 Honors students work at an accelerated pace in a course that exceeds German 3 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community, with an emphasis on fluency and accuracy in conversational skills. Students will converse in various situations to include at least one exercise from a business environment.

GERMAN 4 - ADVANCED PLACEMENT (3055)

1 credit

Pre-requisite: Students must meet two (2) of the following criteria:

- **an ACT composite score of 22 or higher;**
- **credit in German 3, with an average of 85 or higher;**
- **PSAT or SAT verbal score at the 50th percentile or higher; or**
- **a 93 average in the most recent regular English or 85 in the most recent honors English course.**

Board-approved materials fee may be requested, but not required.

The equivalent of a third-year college course, this course encompasses verbal skills, reading comprehension, grammar, and composition and seeks to develop useful language skills that can be applied to various activities. Includes extensive training in the organization and writing of compositions. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement German 4, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

LATIN 1 (3031)

1 credit

Prerequisite: Ninth graders must have a minimum of a 75 average in eighth grade English

Board-approved materials fee may be requested, but not required.

An introduction to the Latin language and to Greek and Roman cultures and mythology. Provides an opportunity for the student to increase his/her English vocabulary. Emphasizes the structure and reading of the Latin language.

LATIN 1 HONORS (3031H)

1 credit

Prerequisite: Either teacher recommendation or a grade of 85 or higher in the preceding English course

Latin 1 Honors students work at an accelerated pace in a course that exceeds Latin 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. An introduction to the Latin language and to Greek and Roman cultures and mythology. Provides an opportunity for the student to increase his/her English vocabulary. Emphasizes the structure and reading of the Latin language.

LATIN 2 (3032)

1 credit

Prerequisite: Latin 1

Board-approved materials fee may be requested, but not required.

Reinforces the vocabulary, forms, and syntax learned in Latin I and provides additional studies in mythology, poetry, and Caesar's Gallic Wars.

2/10/10

LATIN 2 HONORS (3032H)

1 credit

Prerequisite: 85 in Latin I Honors or 93 in Latin I

Latin 2 Honors students work at an accelerated pace in a course that exceeds Latin 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Reinforces the vocabulary, forms, and syntax learned in Latin I and provides additional studies in mythology, poetry, and Caesar's Gallic Wars.

LATIN 3 (3033)

1 credit

Prerequisite: Latin 2

Board-approved materials fee may be requested, but not required.

Includes the translation of the philosophical writings of Cicero and the poetry of Ovid; an intensified study of Roman history, government, and philosophy; and an introduction to other classical literature.

LATIN 3 HONORS (3033H)

1 credit

Prerequisite: 85 in Latin 2 Honors or 93 in Latin 2

Latin 2 Honors students work at an accelerated pace in a course that exceeds Latin 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Includes the translation of the philosophical writings of Cicero and the poetry of Ovid; an intensified study of Roman history, government, and philosophy; and an introduction to other classical literature.

SPANISH 1 (3021)

1 credit

Prerequisite: Ninth graders must have a minimum of a 75 average in eighth grade English

Board-approved materials fee may be requested, but not required.

An introduction to the culture, geography, and language of Spanish-speaking countries. This course emphasizes the four language skills (reading, writing, speaking, and listening) and focuses on an understanding of the basic Spanish grammar structure and oral communication.

SPANISH 1 HONORS (3021H)

1 credit

Prerequisite: Either teacher recommendation or a grade of 85 or higher in the preceding English course

Spanish 1 Honors students work at an accelerated pace in a course that exceeds Spanish 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. This course introduces the culture, geography, and language of Spanish-speaking countries. Emphasis is placed upon the four language skills (reading, writing, speaking, and listening) and focuses on an understanding of the basic Spanish grammar structure and oral communication.

SPANISH 2 (3022)

1 credit

Prerequisite: Spanish 1

Board-approved materials fee may be requested, but not required.

A continuation of Spanish I with increased emphasis on listening comprehension, speaking, reading, and writing. There is an in-depth study of Spanish grammar and an emphasis on oral comprehension and composition. Varied learning activities promote communication skills and reinforce basic structures and vocabulary.

SPANISH 2 HONORS (3022H)

1 credit

Prerequisite: 85 in Spanish I Honors or 93 in Spanish I

Spanish 2 Honors students work at an accelerated pace in a course that exceeds Spanish 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continuation of Spanish I with increased emphasis on listening comprehension, speaking, reading, and writing. There is an in-depth study of Spanish grammar and an emphasis on oral comprehension and composition. Varied learning activities promote communication skills and reinforce basic structures and vocabulary.

2/10/10

SPANISH 3 (3023)

1 credit

Prerequisite: Spanish 2 credit

Board-approved materials fee may be requested, but not required.

Designed to promote further language proficiency by helping students to see Spanish as a tool for communication. Emphasizes translation, conversation, and cultural information.

SPANISH 3 HONORS (3023H)

1 credit

Prerequisite: 85 in Spanish 2 Honors or 93 in Spanish 2

Spanish 3 Honors students work at an accelerated pace in a course that exceeds Spanish 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Designed to promote further language proficiency by helping students to see Spanish as a tool for communication. Emphasizes translation, conversation, and cultural information.

SPANISH 4 - HONORS (3024)

1 credit

Pre-requisite: 85 average in Spanish 3

Board-approved materials fee may be requested, but not required.

Develops proficiency in listening and speaking skills. Short stories and condensed novels will be read and discussed. Emphasis is placed on creative thinking, oral communication, and comprehension.

SPANISH : ADVANCED PLACEMENT - THE SPANISH LANGUAGE (3025)

1 credit

Pre-requisite: Students must meet two (2) of the following criteria:

- **an ACT composite score of 22 or higher;**
- **teacher recommendations from two previous language teachers;**
- **Credit in Spanish 4 with an 85 average or higher;**
- **PSAT or SAT verbal score at the 50th percentile or higher; or**
- **93 average in most recent regular English or 85 in most recent honors English.**

Board-approved materials fee may be requested, but not required.

The equivalent of a third-year college course, this course encompasses verbal skills, reading comprehension, grammar, and composition and seeks to develop useful language skills that can be applied to various activities. Includes extensive training in the organization and writing of compositions. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement Spanish: The Spanish Language, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

DUAL ENROLLMENT COURSES

Refer to Board Policy 4.205

MATHEMATICS

Wilson County Schools recommend that students follow the following math sequence: **Algebra 1 (or Algebra 1A/1B) – Geometry – Algebra 2 (or Algebra 2A/2B).**

STUDENT PLACEMENT: Determination of student placement in either Gateway/End of Course Intervention I, Algebra 1A/1B or Algebra 1 will be based on the following:

- A TVAAS projection of 70 percent or better for scoring proficient on the Gateway Algebra 1 examination
- Previous math grades (ex. 6th, 7th, and 8th grades), and
- Teacher recommendation.

2/10/10

TRANSITION TO ALGEBRA INTERVENTION I (3180)

Open to grade 9

1 credit

Elective credit only; will not substitute for required math credit.

Board-approved materials fee may be requested, but not required.

This course is open to incoming freshmen who require the opportunity to prepare for the challenges of high school math prior to entering an algebra class.

ALGEBRA 1A (term 1)/1B (term 2) (3102A/3102B)

2 credits, as described below

Prerequisite for Algebra 1B: Passing grade in 1A

Board-approved materials fee may be requested, but not required.

A course that uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. It includes the study of the concepts of functions, solving equations, slope as rates of change, and proportionality. Students will use physical models to represent, explore, and develop abstract concepts. The use of appropriate technology will help students apply mathematics in an increasingly technological world. Graphing calculators are required. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This assessment will count as 20% of the student's final grade for this course.

**NOTE: 1 math credit elective in Foundations of Math 2 will be awarded for Algebra 1A (term 1);
1 Algebra 1 credit will be awarded for Algebra 1B (term 2).**

Students who are unsuccessful in Algebra 1/A may be placed in Gateway Intervention prior to repeating Algebra 1/A.

ALGEBRA 1 (3102)

1 credit (1 term only)

Board-approved materials fee may be requested, but not required.

A course that uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. It includes the study of the concepts of functions, solving equations, slope as rates of change, and proportionality. Students will use physical models to represent, explore, and develop abstract concepts. The use of appropriate technology will help students apply mathematics in an increasingly technological world. This course covers the topics of Algebra 1A/1B at a much faster pace and in a more in-depth fashion, with an emphasis on word problems and mastery at solving equations and graphing functions. Graphing calculators required. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This assessment will count as 20% of the student's final grade for this course.

GATEWAY MATHEMATICS (Algebra) INTERVENTION II (3180)

Open to Grade 9, 10, 11, 12

1 credit

Elective credit only; will not substitute for required math credit.

Board-approved materials fee may be requested, but not required.

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Algebra 1 test, including number sense and number theory; estimation, measurement, and computation; patterns, functions, and algebraic thinking; statistics and probability; and spatial sense and geometric concepts.

GEOMETRY (3108)

1 credit

Prerequisite: A credit in Algebra 1, Algebra 1-B, or Technical Algebra

Board-approved materials fee may be requested, but not required.

An introduction to concepts of planes and spatial geometry and measurements, angle relationships, points, lines, circles and solids, writing formal proofs and constructing geometric figures, emphasizing inductive and deductive reasoning, and clarity and precision of language.

2/10/10

GEOMETRY - HONORS (3108H)

1 credit

Prerequisite: 85 average in Algebra 1 or Algebra 1B

Board-approved materials fee may be requested, but not required.

Covers the topics of regular Geometry at a greater level of mastery. Additional topics include coordinate geometry, transformations, and greater use of algebra skills.

ALGEBRA II A / ALGEBRA II B (3103A / 3103B)

2 credits / 2 semesters

Prerequisite for Algebra IIB: Passing grade in Algebra IIA

Algebra IIA/IIB covers Algebra II standards in 2 semesters allowing students to have more time to meet course expectations. A study of the complex number system and its properties, factorization, simplification of radicals and polynomials, linear and quadratic functions, graphs and equations, matrices, determinants, rational expressions, probability, and statistics. Graphing calculators are required.

One (1) elective math credit in Intermediate Algebra will be awarded for Algebra IIA; one (1) credit in Algebra II will be awarded for Algebra IIB.

ALGEBRA 2 (3103)

1 credit

Prerequisites: Students must have one of the following:

- Overall average of 80 or above in either Algebra 1, Algebra 1-B, or Technical Algebra,
- a credit in Intermediate Algebra; or
- previous Algebra teacher's recommendation

Board-approved materials fee may be requested, but not required.

A study of the complex number system and its properties, factorization, simplification of radicals and polynomials, linear and quadratic functions, graphs and equations, matrices, determinants, rational expressions, probability, and statistics. Graphing calculators are required.

ALGEBRA 2 - HONORS (3103H)

1 credit

Prerequisite: 85 average in Algebra 1 or Algebra 1-B (as a first-time taker)

Includes all the topics in a regular Algebra 2 class in greater detail and at a faster pace, with more emphasis on applications. Additional topics include linear programming, summation, and logarithms. Graphing calculators are required.

ADVANCED ALGEBRA AND TRIGONOMETRY - HONORS (3124)

1 credit

Prerequisites: Credits in Algebra 1, Geometry, and Algebra 2

Recommendation: Knowledge of graphing calculators

An advanced mathematics course that extends algebraic concepts and applications and that develops trigonometric functions and applications. Through meaningful problems and appropriate technologies, students study a variety of radical, rational, polynomial, exponential, circular, and logarithmic functions. Graphing calculators are required.

DISCRETE MATHEMATICS WITH STATISTICS AND PROBABILITY (3135)

1 credit

Prerequisites: Algebra 2 and Geometry

Open to grades 12

Board-approved materials fee may be requested, but not required.

An advanced course that introduces students to the mathematics of networks, social choice, and decision making. It uses finite structures to represent and determine solutions to problem situations; collecting, representing, and processing data; and applying probability in problem-solving. Graphing calculators recommended.

2/10/10

PRE-CALCULUS - HONORS (3126)

1 credit

Prerequisites: Algebra 2, Geometry, and Advanced Algebra and Trigonometry

Recommendation: Knowledge of graphing calculators

Board-approved materials fee may be requested, but not required.

Bridges the mathematical gap between Algebra and Calculus. Includes topics common to college algebra, such as functions and their graphs, parametric equations, vectors, linear algebra, and conics. Graphing calculators required.

STATISTICS - HONORS (3136)

1 credit

Prerequisites: Algebra 2 and Geometry

Board-approved materials fee may be requested, but not required.

A non-calculus based course, focusing on statistical representation and analysis. Designed for students planning to attend post-secondary training, including, but not limited to, college. Graphic calculators are required.

CALCULUS - ADVANCED PLACEMENT AB (3127)

2 credits (full-year)

Prerequisites: Advanced Algebra and Trigonometry and Pre-Calculus AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Pre-Calculus and Trigonometry

Board-approved materials fee may be requested, but not required.

Course includes limits, differentiation, and integration (with applications, logarithmic, exponential and trigonometric functions, techniques of integration). Examples emphasize the unlimited applications of calculus in the fields of physics, chemistry, biology, engineering, and economics. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. Graphing calculators are required. For more information about Advanced Placement Calculus, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com

CALCULUS - ADVANCED PLACEMENT BC (3128)

2 credits (full-year)

Prerequisites: Advanced Algebra and Trigonometry and Pre-Calculus AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Pre-Calculus and Trigonometry.

Board-approved materials fee may be requested, but not required.

Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require similar depth of understanding. Both courses are intended to be challenging and demanding. Students will take the national Advanced Placement examination in the spring. Students receiving 2 credits in Calculus AB may receive only 1 credit in Calculus BC. This 1 credit is earned in the second semester of the course. Those scoring high enough may receive college credit. Graphing are calculators required. For more information about Advanced Placement Calculus, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com

2/10/10

STATISTICS- ADVANCED PLACEMENT (3129)

1 credit

Pre-requisites: Geometry and Algebra 2 AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Algebra 2 and Geometry.

Board-approved materials fee may be requested, but not required.

Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four (4) broad conceptual themes: Exploring data (describing patterns and departures from patterns); sampling and experimentation (planning and conducting a study); anticipating patterns (exploring random phenomena using probability and simulation); and statistical inference (estimating population parameters and testing hypotheses). For more information about Advanced Placement Statistics, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

DUAL ENROLLMENT COURSES

Refer to Board Policy 4.205

CTE Courses which may be used to meet mathematics requirements for graduation:

TECHNICAL MATHEMATICS (3114)

1 credit

Board-approved materials fee may be requested, but not required.

Uses problem situations, physical models, and appropriate technology to extend algebraic thinking and to engage student reasoning. Includes problem-solving situations (including those related to a variety of careers and technical fields) and provides students an environment which promotes communication and fosters connections within math to other disciplines and to the technological workplace. Includes problem-solving, reasoning, connections, communication, and representation and the relationship of these mathematical processes to applications of the content in the workplace. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

ALGEBRA 1 CTE (3123)

1 credit

Board-approved materials fee may be requested, but not required.

Uses problem situations, physical models, and appropriate technology to extend algebraic thinking and to engage student reasoning. Includes problem-solving situations (including those related to a variety of careers and technical fields) and provides students an environment which promotes communication and fosters connections within math to other disciplines and to the technological workplace. Emphasizes measurement, statistical data analysis, functions, solving equations, slope as rates of change, and proportionality. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This assessment will count as 20% of the student's final grade for this course. Students will take this test as part of this class. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

NOTE: Not open to students who have passed Algebra 1, Algebra 1-B, Geometry, or higher.

GEOMETRY CTE (3122)

1 credit

Prerequisite: Technical Algebra or Algebra 1 A/B or Algebra 1

Board-approved materials fee may be requested, but not required.

Incorporates the core geometric concepts required in a standard geometry course but includes additional topics that focus on career and technical applications. Uses practical applications, including labs and projects. Includes teaching groups of skills and concepts followed by their incorporation in a real world application and setting. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

MILITARY SCIENCE

The **Marine Corps Junior ROTC Program** * is designed to develop leadership skills in high school students. It is not combat training, nor is it a recruiting program. It is, however, an academic course of instruction, combined with practical application and military leadership training which focuses on the development of pride, confidence, self-discipline, and self-improvement. Students may have additional dress code requirements. Participants incur no military obligation.

***NOTE: Two (2) credits in JROTC may substitute for the one (1) credit in Wellness required for graduation, provided instruction includes course content for Wellness as stipulated by the State Board of Education. Three (3) credits in J.R.O.T.C. meet the graduation requirement for United States Government. Five (5) credits in J.R.O.T.C. meet the graduation requirement for Personal Finance.**

JROTC 1* (3331) or (3331V)

1 credit

Provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically.

JROTC 2* (3332)

1 credit

Prerequisite: JROTC 1 or instructor recommendation

Provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically

JROTC 3* (3333)

1 credit

Prerequisite: JROTC 2 or instructor recommendation

Builds on the foundation laid in JROTC 1. It explores each subject in greater detail and emphasizes weapons training and marksmanship. Leadership roles are assigned to second year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

JROTC 4* (3334)

1 credit

Prerequisite: JROTC 3 or instructor recommendation

Builds on the foundation laid in JROTC 1. It explores each subject in greater detail and emphasizes weapons training and marksmanship. Leadership roles are assigned to second year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

JROTC 5* (3335)

1 credit

Prerequisite: JROTC 4 or instructor recommendation

Emphasizes leadership training and practical application. Cadet instructors and some cadet corps senior leaders are third year cadets. Students will be required to wear proper JROTC acquired uniforms periodically.

JROTC 6* (3336)

1 credit

Prerequisite: JROTC 5 or instructor recommendation

Emphasizes leadership training and practical application. Cadet instructors and some cadet corps senior leaders are third year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

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JROTC 7* (3337)

1 credit

Prerequisite: JROTC 6 or instructor recommendation

Consists entirely of leadership training. Includes participation in leadership research and in presentation of leadership talks to student or community groups. Practical application in staff planning and functioning are also exercised. Students will be required to wear proper JROTC acquired uniforms periodically.

JROTC 8* (3338)

1 credit

Prerequisite: JROTC 7 or instructor recommendation

Consists entirely of leadership training. Includes participation in leadership research and in presentation of leadership talks to student or community groups. Practical application in staff planning and functioning are also exercised. Students will be required to wear proper JROTC acquired uniforms periodically.

***NOTE: Schools which offer JROTC shall include in pre-registration materials information regarding the branch of the armed services with which the school's program is affiliated. In addition, in the course title, the branch shall be specified (i.e., MCJROTC for Marine Corps); however, no branch designation shall be used in the course code.**

SCIENCE

LIFE SCIENCE (3208)

Open to grade 9; not open to students who have passed Biology 1, Chemistry 1, Ecology, or Physics

1 credit

An introduction to living things and their relationship to the environment. Focuses on cells, ecological interactions, energy production and use, reproduction and genetics, classification, and environmental diversity.

NOTE: Does not meet entrance requirements for the University of Tennessee or Tennessee Board of Regents schools

BIOLOGY 1 (3210)

Open to grades 9, 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

Introduces students to the world of living things, including basic life processes at the molecular, cellular, systemic, organismal, and ecological levels of organizations within the biosphere; interdependence and interactions within the environment to include relationships, behavior, and population dynamics; cultural and historical scientific contributions of men and women; evidence that supports biological evolution; and current and future technologies. Students will investigate the world around them and will develop the knowledge, prerequisite skills, and habits of mind needed for daily living and ethical decision making on issues including biotechnology and the environment, as well as provide a background for advanced biological studies and personal career choices. A score at the proficient or advanced level on the Biology 1 Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This end of course assessment will count as 20% of the student's final grade for this course.

GATEWAY BIOLOGY 1 (3280)

An intervention option for students which will enhance the opportunity for success on the Tennessee Gateway/End of Course Test for Biology 1

1 credit

Elective credit only; will not substitute for required science credit

Board-approved materials fee may be requested, but not required.

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Biology 1 test, including cells, interactions, photosynthesis and respiration, genetics and biotechnology, diversity, and biological evolution.

2/10/10

BIOLOGY 1 - HONORS (3210H)

1 credit

Pre-requisite: Students must have one of the following:

- 93 average in 8th grade science; or
- Recommendation from a previous science teacher

Board-approved materials fee may be requested, but not required.

Designed to develop an understanding of the diversity and unity in living things. Concepts include interactions of organisms, transfer of energy in organisms, cell structure and function, continuity and change in living things, and biology-related career opportunities. Places increased emphasis on the development of critical thinking skills. A score at the proficient or advanced level on the Biology 1 Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This end of course assessment will count as 20% of the student's final grade for this course.

BIOLOGY II (3216)

1 credit

Prerequisite: Biology I

Board-approved materials fee may be requested, but not required.

Biology II is a course that introduces students to major specialty areas of biology. The students explore the following: Comparative Anatomy and Zoology, Embryology, Genetics Immunology, Microbiology, and Botany

BIOLOGY- ADVANCED PLACEMENT (3217)

Open to grades 11 and 12

2 credits (full-year)

Prerequisites: Biology 1 and Chemistry 1 AND two (2) of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- recommendation from previous Biology teacher; or
- 85 average in Honors Biology 1 or 93 in Biology 1.

Board-approved materials fee may be requested, but not required.

A college-level course which includes the study of the interactions of organisms, transfer of energy in organisms, cell structure and function, continuity and change in living things, vertebrate physiology, entomology, and botany. Emphasis on lab, independent study projects, written evaluation, and outside reading. Students will take the national Advanced Placement Examination in the spring; those scoring high enough may receive college credit. For more information about Advanced Placement Biology 2, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

CHEMISTRY 1 (3221)

1 credit

Prerequisite: Algebra 1

Recommendation: Physical Science

Board-approved materials fee may be requested, but not required.

An introductory study of the composition and structure of matter, including atomic structure, chemical composition, solutions, equations, and the application of chemistry to everyday life. Approaches chemistry through laboratory experiments, independent research and reporting techniques, classroom discussions, and follow-up independent activities.

CHEMISTRY I - HONORS (3221H)

1 credit

Prerequisite: 93 in Algebra I

Recommendation: Physical Science

Board-approved materials fee may be requested, but not required.

This is an accelerated comprehensive laboratory course designed to give the students a more conceptual and in-depth understanding of chemistry concepts. In Honors Chemistry students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. The course will include additional objectives and enrichment topics while integrating inquiry and technology to explore the world of chemistry.

This course is recommended for students planning to take AP Chemistry.

2/10/10

CHEMISTRY 2 - HONORS (3224)

1 credit

Prerequisites: Biology 1, Algebra 1, and either an 85 in Honors Chemistry I or a 93 in Chemistry 1

Recommendation: Algebra 2

Board-approved materials fee may be requested, but not required.

A lab-oriented course that includes organic and analytic laboratory experiences. It also includes physical chemistry, organic chemistry, and biochemistry. A research project and paper is required.

CHEMISTRY - ADVANCED PLACEMENT (3225)

Open to grades 11 and 12

2 credits (full year)

Prerequisites: Algebra 2 and Chemistry I or Honors Chemistry I, and 2 of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- Recommendation from previous Chemistry teacher;
- 85 average in Honors Chemistry I or 93 in Chemistry I.

Board-approved materials fee may be requested, but not required.

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. This is an academic, quantitative chemistry course. Chemistry is the study of atoms and molecules and how they interact according to physical laws. Such study is applicable to your everyday life and this will be demonstrated repeatedly throughout the year. Topics of study include structure of matter, states of matter, reactions, descriptive chemistry, and chemical calculations. For more information about Advanced Placement Chemistry, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

ASTRONOMY (3299)

1 credit

Open to grades 11 and 12

Prerequisite: Physical Science or Biology

Board-approved materials fee may be requested, but not required.

The scientific study of the universe and includes such topics as the formation of the solar system, the sun, the planets, and the moons. This course includes lab activities.

This course is an elective science credit only and does not fulfill the graduation requirement for science.

GEOLOGY (3205)

Open to grades 10, 11, and 12

1 credit

Prerequisites: Biology 1 and Physical Science or Chemistry

Designed to develop an understanding of the earth's physical resources and to investigate relative dating techniques; the earth's structure; landform evolution; paleoenvironments; rock, hydrological, and geochemical cycles; and geologic maps.

ECOLOGY (3255)

1 credit

Prerequisite: Biology 1, AND either credit in one of the following classes: Physical Science, Chemistry 1, or Physics

Board-approved materials fee may be requested, but not required.

The study of interactions between organisms and their living and non-living environments. Includes ecological and environmental issues as well as hands-on projects.

PHYSICS - HONORS (3231)

1 credit

Prerequisite or Co-requisite: Advanced Algebra and Trigonometry

Recommendation: Physical Science

Board-approved materials fee may be requested, but not required.

A study of the basic physical theories and concepts of matter and energy through various laboratory and mathematical procedures. Uses problems, questions, and examples to explain physical occurrences in everyday life.

2/10/10

PHYSICS – Advanced Placement B (3233)

Open to Grades 11 and 12

2 credits (full year)

Prerequisite: Pre Calculus

Recommended Prerequisite: Physics

Students must have two (2) of the following:

- **PLAN score of 19 or higher or an ACT composite score of 22 or higher**
- **PSAT or SAT verbal and numerical score at the 50th percentile or higher**
- **Recommendation from previous Science or Math teacher**
- **85 average in Pre Calculus**

Board-approved materials fee may be requested, but not required.

This course explores the main principals of physics emphasizing problem solving and helping students to develop a deep understanding of physics concepts. Knowledge of algebra and trigonometry are required and some basic ideas of calculus are introduced. The course is divided into areas of Newtonian mechanics, fluid mechanics, thermal physics, electricity and magnetism, magnetic fields, waves and optics, and atomic and nuclear physics. The course included hands-on laboratory components with a minimum of 12 laboratory investigations covering a variety of course topics. This course is designed to be the equivalent of a full year college physics course. For more information about Advanced Placement Physics B, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com

PHYSICAL SCIENCE (3202)

Open to grades 9, 10, 11, and 12

1 credit

Co-requisite: Algebra 1 or Algebra 1B

Board-approved materials fee may be requested, but not required.

An introduction to the physical area of general science dealing with matter and energy; prepares students for an in-depth study of chemistry and physics. This course cannot be taken after chemistry, geology, or physics. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

SCIENTIFIC RESEARCH (3295)

1 credit

Open to grades 11 & 12

Prerequisite: Biology I and Chemistry or Physics

Board-approved materials fee may be requested, but not required.

Scientific research is a course in which the student conducts an in-depth research project and presents his or her findings using a variety of media at local, district, regional, state and/or national competitions and/or presentations. Two major components of the course are: a technical report including sections for literature search, design, procedures, analysis of data, experimental results, conclusions, and future directions in addition to an audio-visual presentation that is appropriate to the nature of the research and the type of audience. Students will also engage in many hands-on, inquiry based scientific investigations that may require independent field-work. The following major areas will be investigated: Ethical Practices, Critical Thinking Skills, Scientific Inquiry, Analyzing and Evaluating Data, and Communicating Scientific Results.

AP ENVIRONMENTAL SCIENCE

1 credit

Prerequisites: Algebra 1, Biology 1, and Chemistry I and 2 of the following criteria:

- **a PLAN score of 19 or higher or an ACT composite score of 22 or higher;**
- **PSAT or SAT verbal and numerical score at 50th percentile or higher;**
- **Recommendation from previous Science teacher.**

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 and/or preventing them. For more information about Advanced Placement Environmental Science, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

DUAL ENROLLMENT COURSES

Refer to Board Policy 4.205

CTE courses which may be used to meet science requirements for graduation:

AGRISCIENCE (5171)

Open to grade 9 only

1 credit

Fundamentals of Agriculture may not be taken with/after this course.

Meets science credit requirements for high school graduation and college entrance.

Board-approved materials fee may be requested, but not required.

A course designed to provide agriscience education for students considering higher education, with a focus on biological, environmental, chemical, and physical sciences. Includes leadership and personal development skills through FFA membership.

AGRISCIENCE - HONORS (5171H)

Open to grade 9 only

1 credit

Pre-requisite: 93 average in 8th grade science OR recommendation of the 8th grade science teacher.

AgriScience consists of standards which prepare students for biology and subsequent sciences for the university bound student. The content area covers ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

NUTRITION SCIENCE 1 (5615)

Open to grades 10, 11, and 12

1 credit

Prerequisite: One (1) credit in either Biology, Chemistry, or Physical Science

This course will fulfill the requirement of either a science course or a Family and Consumer Science elective.

Board-approved materials fee may be requested, but not required.

Focuses on the science of the production, processing, preparation, evaluation, and utilization of food and relates scientific concepts and processes to practical applications in nutrition. Students use scientific methods in laboratory experiments to facilitate the understanding of the human body, nutrition, and science. Academic integration and Gateway/End of Course reinforcement are integral parts of the curriculum.

PRINCIPLES OF TECHNOLOGY 1 (3220)

1 credit

Open to grades 10, 11, and 12

Prerequisite: Physical Science, Biology, AND either credit in one of the following: Algebra 1 A/B, Algebra 1, or Technical Algebra

A "hands-on" course that provides instruction in the fundamental principles of technology by integrating academic concepts with technical and laboratory experiences. Designed to develop confidence in the ability to understand and apply scientific concepts and principles through problem-solving situations in laboratories that simulate experiences in the field of work.

PRINCIPLES OF TECHNOLOGY 2 (3256)

1 credit

Open to grades 10, 11, and 12

Prerequisite: Students must have a one credit in each of the following:

- **Physical Science;**
- **Biology;**
- **Principles of Technology 1; and**
- **At least one credit in either Algebra 1A/B, Algebra 1, or Technical Algebra.**

A continuation of Principles of Technology 1. Includes units on momentum, waves and vibrations, energy converters, transducers, radiation, optical systems, and time constraints. Activity-based, with emphasis on hand-on activities.

SOCIAL STUDIES

AFRICAN AMERICAN HISTORY (3442)

Open to grades 11 and 12

1 credit

Prerequisites: One (1) credit in one of the following classes:

World Geography, World History, World Studies, or United States History.

Board-approved materials fee may be requested, but not required.

Designed for students who desire an in-depth study of African-American history. Includes the following units: African Roots, Slavery and Emancipation, Civil War and reconstruction, the Black Church, Inventors and Industrial Growth, the Vale of Tears, the Harlem Renaissance, the Black Voice is Heard, and Strides toward Equality.

ANTHROPOLOGY (3421)

Open to grades 11 and 12

1 credit

Prerequisite: World History or Sociology

Board-approved materials fee may be requested, but not required.

Offers students the opportunity to explore the systems of beliefs, traits, and behavior patterns that make up cultures and to develop an awareness of how “needs” and “wants” are as varied as the cultures in which they are found. Provides the means of illustrating how the peoples of the world are both similar and different. Students will employ the skills of analysis, prediction, comparison, interpretation, construction of reasoned judgments, and decision-making.

(THE) BIBLE (3497)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

A course that is designed to provide students with an understanding of the Bible and its influence on history, literature, law, and culture. (This course is also listed under English/Language Arts.)

CONTEMPORARY ISSUES (3435)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

Focuses on various dynamic issues facing today's society. Enables students to discover their values and responsibility as citizens in that society. Includes research, discussion, and debate.

ECONOMICS (3431)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

The study of the ways people, businesses, and governments choose to use resources. This course provides an in-depth study of the American free enterprise system. The role of America in the global economy is also analyzed.

ECONOMICS - HONORS (3431H)

Open to grades 11 and 12

Pre-requisite: 85 average in English 2 or 3, or an 80 in Honors English 2 or 3

1 credit

Board-approved materials fee may be requested, but not required.

While studying the same content as the standard Economics course, students do more challenging and in-depth studies and analyses of economic growth and concepts. Content is studied in greater depth at a much quicker pace. Additional outside readings and assignments will be required.

2/10/10

MICRO-ECONOMICS – ADVANCED PLACEMENT (3443)

1 Credit

Prerequisite: A credit in Algebra II and two (2) of the following:

- PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- Recommendation from previous English teacher; or
- 85 average in Honors English 3 and 93 in English 3.

Board-approved materials fee may be requested, but not required.

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement Micro-Economics, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

MACRO-ECONOMICS - ADVANCED PLACEMENT (3444)

Open to grade 11 and 12

1 credit

Prerequisites: A credit in Algebra 2 and two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- one credit in Economics;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 3 or 93 in English 3.

Board-approved materials fee may be requested, but not required.

A college-level course in macro-economics which includes an in-depth study of the following areas: basic economic concepts; measurement of economic performance; national income and price determination; economic growth; and international finance, exchange rates, and balance of payments. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement Macro-Economics, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

CONSUMER ECONOMICS* (5602)

Open to grades 10, 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

A study of the United States economic system. Students learn to function as informed consumers, to use credit responsibly, to make decisions about individual and family financial matters, to recognize influences of advertising, to use goods and services, to plan insurance needs, to plan for financial security, and to assess and allocate resources.

***NOTE: This course meets the graduation requirement for Economics.
It does NOT meet N.C.A.A. requirements.**

2/10/10

EUROPEAN HISTORY – Advanced Placement (3441)

1 credit (Typographical error from previous year)

Prerequisite: World History or World Geography (Honors Preferred) two (2) of the following:

- PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- Recommendation from previous Social Studies teacher; or
- 93 average in prerequisite course; 85 in prerequisite Honors.

Board-approved materials fee may be requested, but not required.

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Those scoring high enough may receive college credit. For more information about Advanced Placement European History, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

PERSONAL FINANCE (3496)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

Personal Finance is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending, credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings 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 finance decisions. This course is a graduation requirement for students entering ninth grade in 2009, and thereafter.

PSYCHOLOGY (3433)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

The study of human behavior and the development of the individual.

PSYCHOLOGY - ADVANCED PLACEMENT (3447)

Open to grades 11 and 12

1 credit

Prerequisites: Students must have two (2) of the following:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English or 93 in English.

Recommendation: World Studies

Board-approved materials fee may be requested, but not required.

A college-level course in Psychology which includes an in-depth study of the following areas: psychological history and approaches; methods; biological bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Requires extensive reading, writing, and critical thinking. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. Supplemental reading is required. For more information about Advanced Placement Psychology, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

2/10/10

SOCIOLOGY (3432)

Open to grades 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

The study of the dynamics and models of individual and group relationships.

UNITED STATES GOVERNMENT (3407)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

The study of the structure, functions, and powers of government at the national, state, and local levels, with the focus on the United States' founding principles and beliefs.

Advanced Placement Comparative Government and Politics (3446)

Open to grades 11 and 12

1 credit

Prerequisites: Must meet two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 3 or 93 in English 3.

Board-approved materials fee may be requested, but not required.

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. For more information about Advanced Placement United States Government and Politics, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

UNITED STATES GOVERNMENT - HONORS (3407H)

Open to grades 11 and 12

Pre-requisite: 85 average in English 2 or 3, or an 80 in Honors English 2 or 3

1 credit

Board-approved materials fee may be requested, but not required.

While studying the same content as the standard US Government course, students are challenged to focus more in-depth in the area of the US Constitution and the analysis of the American system of government. Content is studied in greater depth at a much quicker pace. Additional outside reading and assignments will be required.

UNITED STATES GOVERNMENT AND POLITICS – ADVANCED PLACEMENT (3445)

Open to grades 11 and 12

1 credit

Prerequisites: Must meet two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 3 or 93 in English 3.

Board-approved materials fee may be requested, but not required.

A college-level course in United States Government and Politics which includes an in-depth study of the following areas: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; and civil rights and civil liberties. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement United States Government and Politics, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com.

2/10/10

UNITED STATES HISTORY (3405)

Open to grades 11 and 12

1 credit

Board-approved materials fee may be requested, but not required.

A study of the history of the United States from Reconstruction to the present. Students will explore the country's culture, geography, governance, economics, and history. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

UNITED STATES HISTORY - HONORS (3405H)

Open to grades 11 and 12

Pre-requisite: 85 average in English 2 or 80 in Honors English 2

1 credit

Board-approved materials fee may be requested, but not required.

This course details events in American history from Reconstruction to the present. Students will explore the country's culture, geography, governance, economics, and history. Content is studied in greater depth at a much quicker pace. Additional outside readings and assignments will be required. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

UNITED STATES HISTORY - ADVANCED PLACEMENT (3440)

2 credits (full-year)

Prerequisites: A credit in World Studies; or two (2) of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 2 or 93 in English 2.

Co-requisite: Honors English 3 or Advanced Placement English 3

Board-approved materials fee may be requested, but not required.

A college-level survey course which may be taken in lieu of United States History. Emphasizes written expression, evaluation of outside readings, and independent study. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required history course in college. Supplemental reading is required. For more information about Advanced Placement United States History, including the current exam fee, please visit www.collegeboard.com or www.apcentral.com. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

WORLD GEOGRAPHY (3410)

Open to grades 9, 10, 11, and 12

Recommended for students in grade 9

1 credit

Board-approved materials fee may be requested, but not required.

The study of people, places, and environments at local, regional, national, and international levels from the spatial and ecological perspectives of geography.

WORLD GEOGRAPHY - HONORS (3410H)

Open to grades 9, 10, 11, and 12

Recommended for students in grade 9

1 credit

Prerequisite: Students must have one of the following:

- 93 average in previous English course
- Teacher recommendation from previous year (English or Social Studies)

Board-approved materials fee may be requested, but not required.

An accelerated course focusing on the physical and cultural world and people's relationships in it. Map skills are more detailed. Subjects promoting global awareness are researched, presented, and discussed in-depth.

2/10/10

WORLD HISTORY (3401)

Open to grades 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

A study of the history of humankind with a more concentrated focus on the time periods from the Renaissance to present day.

WORLD STUDIES: HONORS (3002H/3401H)

Open to grade 10

2 credits (1 credit in Honors World History and 1 credit in Honors English 2)

Pre-requisite: 85 average in English 1 or 80 in Honors English 1

Board-approved materials fee may be requested, but not required.

A multi-disciplinary course, incorporating the literature, music, art, culture, social structure, and lifestyle of each era in world history. Emphasis on writing, research, and research-based student-initiated projects.

DUAL ENROLLMENT COURSES

Refer to Board Policy 4.205

WELLNESS

LIFETIME WELLNESS* (3303)

Open to all students

1 credit

Focuses on the principles of lifetime wellness (not solely activities and sports) by including both classroom and gymnasium activities that promote healthy lifestyle practices to integrate emotional, social, intellectual, and physical dimensions of the individual. A credit in Wellness is required for graduation.

*NOTE: Two (2) credits in JROTC may substitute for the one (1) credit in Wellness required for graduation, provided instruction includes course content for Wellness as stipulated by the State Board of Education.

PHYSICAL EDUCATION 1 (3301)

Open to all students

1 credit ONLY

Emphasis on participation in individual sports, team sports, and strengthening and conditioning activities, with the goal of providing carry over into leisure time activities, as well as recognizing and establishing behavioral skills leading to the development of total fitness. This course is a graduation requirement for students entering ninth grade in 2009, and thereafter.

PHYSICAL EDUCATION 2 (3302)

Open to all students

1 credit ONLY

A continuing course emphasizing mastery of skills through participation in individual sports, team sports, and strengthening and conditioning activities. Varied activities designed so that each student has the opportunity to enjoy and excel in a chosen activity.

PERSONAL FITNESS (3397)

Open to all students

1 credit ONLY

This course is designed to provide opportunities for the students to learn fitness concepts and conditioning techniques used to obtain optimal physical fitness. Students will benefit from a wide variety of aerobic activities, resistance training, and flexibility exercises. Students will also be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activities for a lifetime.

2/10/10

STRENGTH AND CONDITIONING (3397)

Open to all students

1 credit ONLY

This course is designed to provide opportunities for the students to learn fitness concepts and conditioning techniques used to obtain optimal physical fitness. Students will benefit from a wide variety of aerobic activities, resistance training, and flexibility exercises. Students will also be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activities for a lifetime.

INDIVIDUAL SPORTS (3397)

Open to all students

1 credit ONLY

This course will provide student opportunities to develop motor skills and movement concepts, and demonstrate an understanding of the cognitive concepts associated with various individual sports.

OTHER APPROVED COURSES

C.A.R.S. (Content Area Reading Studies) (3081)

Open to grades 11 and 12

1 credit

Co-requisite: Algebra II

A course designed to help students do their best on various academic and aptitude tests (ACT, SAT, etc.). This class will focus on test-taking strategies and skills. Practice tests and writing prompts will prepare students to take these tests.

FRESHMAN SEMINAR (9350)

This course may be required by high schools as part of a Freshman Transition, Freshman Academy, or School-Within-A-School program.

1 credit

A course designed to assist students in making a successful transition from middle school to high school. Students will have project-based learning opportunities, content enrichment, study skills, and reading initiatives, with technology serving as the major enhancement. The program studies include character development, reading, technology integration, cross-curricular learning, and problem-based learning.

G.O.T. (Graduate-On-Time) (9305)

Open to grades 9, 10, 11, and 12

Recovery Credits ONLY

Prerequisite: Students needing to recover a minimum of two (2) credits may enroll in this course.

This course is designed to give students an alternative method of instruction to regain credit(s) due to a previous unsuccessful grade. Credit recovery students have taken a course previously, but did not earn credit. The primary focus of credit recovery is helping students stay in school and graduate on time. Priority for enrollment will be based on the student's grade level: senior, junior, sophomore, and freshman. Credit is awarded upon successful mastery of a designated program. Students must have administrative approval to register for this class.

NATURE AND NEEDS OF EXCEPTIONAL LEARNERS (3499)

Elective credit only for grades 11 and 12

1 credit

Prerequisite: Recommendation from a previous teacher and an interview with comprehensive development teacher

Offers students not only the opportunity to teach, but also the opportunity to learn from students with disabilities and to shape positive attitudes about these persons. Students in this course will have the opportunity to develop teaching skills, practice academic and social skills, become advocates and learn valuable advocacy skills, and explore realistic career opportunities.

2/10/10

SUCCESS SKILLS THROUGH SERVICE LEARNING (9395)

Open to grades 10, 11, and 12

1 credit

A program which combines volunteer service and classroom instruction, and provides a comprehensive experiential approach. Focuses on ethical, social, and intellectual skill development of students; development of positive values such as trustworthiness and responsibility; commitment to a task and those involved in the task; collaboration; team-building, punctuality, and respect for the quality of work done while serving the community.

SPECIAL EDUCATION PROGRAMS

GATEWAY/END OF COURSE ENGLISH (9480)

An intervention option for students which will enhance the opportunity for success the Tennessee Gateway Test for English 2

1 credit

Elective credit only; will not substitute for required English credit

Focuses on those areas necessary for success on the Tennessee Gateway/ End of Course English 2 test, including reading, writing, viewing and representing, and speaking and listening.

FUNDAMENTALS OF ENGLISH 1A/FUNDAMENTALS OF ENGLISH 1B (9408E1A) and (9408E1B)

Placement by I.E.P. Team

1 or 2 credits

Orients incoming students to high school academics through emphasis on communication skills. The focus is on basic reading and writing skills (to include persuasive essays), spelling, usage, the review of grammar and its application, speech, and an introduction to basic literary selections. Emphasizes End-of-Course and Gateway English objectives.

NOTE: For those students enrolled for 2 credits, 1 elective English credit will be awarded for Fundamentals of English 1A and 1 English 1 credit for Fundamentals of English 1/B

FUNDAMENTALS OF ENGLISH 2A/FUNDAMENTALS OF ENGLISH 2B (9408E2A) and (9408E2B)

Placement by I.E.P. Team

1 or 2 credits

Emphasizes specialized instruction provided in a flexible setting and focuses on written and spoken communication, spelling rules, reading comprehension, English grammar, and Gateway/End of Course English 2 objectives.

NOTE: For those students enrolled for 2 credits, 1 elective English credit will be awarded for Fundamentals of English 2A and 1 English 1 credit for Fundamentals of English 2/B

FUNDAMENTALS OF ENGLISH 3 (9408E3)

Placement by I.E.P. Team

1 credit

Provides individual instruction in basic reading skills, functional grammar, and spelling techniques. Provides individualized help with the Gateway/ End of Course English 2 objectives, as needed.

FUNDAMENTALS OF ENGLISH 4 (9408E4)

Placement by I.E.P. Team

1 credit

Designed to prepare the student for practical usage of English, reading, and spelling skills that will be used on a daily basis after graduation. Provides individualized help with the Gateway/ End of Course English 2 objectives, as needed.

READING (9408R)

Placement by I.E.P. Team

1 credit

Provides individual instruction in basic reading skills for students who are recommended. Recommendation is based on individual testing. Students will read materials they enjoy and use in daily life.

2/10/10

LIFE SKILLS (9408LS)

Placement by I.E.P. Team

1 credit

A supplementary program that develops critical reading and thinking skills needed by young people. Practical applications include areas of insurance, banking, leasing, licenses, contracts, and taxes.

INDEPENDENT LIVING (9408IL)

Placement by I.E.P. Team

1 credit

Tailored to meet the individual needs of the students who are presently functioning below grade level but will soon be faced with real life responsibilities such as career choices, marriage, money management, and safety. This class gives each student the opportunity to learn and practice basic skills needed to function effectively in society.

LEARNING LAB (9408LL)

Placement by I.E.P. Team

1 credit

Designed to enhance the learning skills of students who desire to be successful in the educational setting. Emphasizes organization and study skills.

This class is especially helpful for special education students who are college or vocational school bound.

GATEWAY / END OF COURSE ALGEBRA 1 (9481)

An intervention option which will enhance the opportunity for success on the Tennessee Gateway/End of Course Test for Algebra 1

1 credit

Elective credit only; will not substitute for required math credit.

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Algebra 1 test, including number sense and number theory; estimation, measurement, and computation; patterns, functions, and algebraic thinking; statistics and probability; and spatial sense and geometric concepts.

FUNDAMENTALS OF MATH 1A/FUNDAMENTALS OF MATH 1B (9408M1A) and 9408M1B)

Placement by I.E.P. Team

1 or 2 credits

Offers individual and specialized instruction to students. Covers basic number theory and operations, percent, units of measurement, graphs, simple algebra, informal geometry, applications for money management, and consumer spending. Emphasizes the Gateway/End of Course Algebra 1 objectives.

NOTE: For those students enrolled for 2 credits, 1 elective Math credit will be awarded for Fundamentals of Math 1A and 1 Math 1 credit for Fundamentals of Math 1/B

FUNDAMENTALS OF MATH 2A/FUNDAMENTALS OF MATH 2B (94087M2A) and (9408M2B)

Placement by I.E.P. Team

1 or 2 credits

Offers individual and specialized instruction to students. Covers basic number theory and operations, percent, units of measurement, simple algebra, informal geometry, applications for money management, and consumer spending. Provides preparation for the Gateway Algebra 1 test.

NOTE: For those students enrolled for 2 credits, 1 elective Math credit will be awarded for Fundamentals of Math 2/A and 1 Math credit for Fundamentals of Math 2/B

GATEWAY/END OF COURSE BIOLOGY 1 (9482)

An intervention option for students which will enhance the opportunity for success on the Tennessee Gateway Test for Biology 1

1 credit

Elective credit only; will not substitute for required science credit

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Biology 1 test, including cells, interactions, photosynthesis and respiration, genetics and biotechnology, diversity, and biological evolution.

2/10/10

TRANSITION THROUGH CO-OP (9498)

Open to grades 11 through post-school placement

Placement by I.E.P. Team

2 credits

Provides students with specific job training, community inclusion, and guidance to be successful in transitioning from school-to-work. Students learn skills both on the job and in the classroom needed to gain a greater independence when leaving the school setting.

Virtual School Program

The Wilson County School System demonstrates creating new solutions through a variety of learning options. One unique learning opportunity is The Virtual School Program which is an innovated, distance learning program which includes a hybrid learning model to facilitate learning in multiple classrooms at the same time. Another option is the state-created curriculum from TN State Department called e4TN. These courses were originally developed as asynchronous courseware, but with the emerging technologies the courses are being used with distance learning.



Virtual School Program

Our Virtual School Program takes advantage of synchronous learning experiences such as interactive classroom instruction and activities facilitated by the classroom teacher as well as utilizing online courseware and flexible learning content creation and distribution. The classes include real time video conferencing between classrooms where students are in front of a desktop computer that has a built in camera and headset for direct interaction with the rest of the students in the virtual classroom. The students have various communication capabilities built into the classroom, including verbal communication, using chat room features, polling events, and participating in either verbal or chat room environments. The communication system allows the teacher to teach in real time or deliver narrated presentations that the students can view at their convenience. Another feature of the virtual classroom is the ability to record entire live classroom sessions that are posted on the school district's website. Students can then view a portion, or all, of the classroom recordings.



The e4TN Program was recently recognized for Best Practices in: 21st Century Distance Learning, Excellence in Distance Learning Teaching and Distance Learning Programming at the USDLA's 2009 International Distance Learning Awards. Tennessee's e4TN program provides an "effective and engaging e-learning environment" for students throughout the state. The program employs fulltime teachers and technical staff, as well as administrative and supportive staff to ensure every child has an effective experience. A variety of courses are available in every course subject during each semester. Students may take these courses for many reasons, including to ensure continued academic progress, study a course in a specific area, or to supplement current progress if a student is gifted. The e4TN online courseware includes activities, learning objects, discussion boards, independent and group student projects, assignments, tests, quizzes and communication features that are both synchronous and asynchronous learning opportunities.

Students interested in participating in either program (Virtual School Program or e4TN) should check with his/her school counselor to determine which courses are currently available. Registration for both programs must be school approved by your school counselor. Please contact a school counselor for more information.

AGRICULTURE**FFA will be an Integral part of ALL agriculture classes.****Course Sequencing****General Agriculture**

Grade	Course Name	Credit
9	Principles of Agricultural Science or AgriScience or Honors AgriScience	1 each
10	Advanced Principles of Agriculture and/or Livestock Management	1 each
11	Greenhouse Management and/or Leadership and Communication	1 each
12	Agriculture Mechanics and Maintenance I and/or Aquaculture/Hydroponics and/or Cooperative Methodology	1 each

Horticulture

Grade	Course Name	Credit
9	Principles of Agricultural Science or Principles of Horticultural Science AgriScience or Honors AgriScience	1 each
10	Landscaping and Turf Management and/or Aquaculture/Hydroponics	1 each
11	Greenhouse Management and/or Floral Design and/or Leadership and Communication	1 each
12	Plant Biotechnology and/or Cooperative Methodology	1 each

Animal Science

Grade	Course Name	Credit
9	Principles of Agricultural Science or AgriScience or Honors AgriScience	1 each
10	Advanced Principles of Agricultural Science Livestock Management and/or Science	1 each
11	Small Animal Care and/or Leadership Development	1 each
12	Principles of Veterinary Science and/or Cooperative Methodology	1 each

Landscaping

Grade	Course Name	Credit
9	Principles of Agricultural Science or Principles of Horticultural Science or AgriScience or Honors AgriScience	1 each
10	Landscaping and Turf Management and/or Aquaculture/Hydroponics	1 each
11	Greenhouse Management and/or Leadership Development	1 each
12	Plant Biotechnology and/or Cooperative Methodology	1 each

Agriculture Mechanics

Grade	Course Name	Credit
9	Principles of Agricultural Science or AgriScience or Honors AgriScience	1 each
10	Agricultural Mechanics and Maintenance I and/or Adv. Principles of Ag.	1 each
11	Agricultural Mechanics and Maintenance II and/or Leadership Development	1 each
12	Agricultural Mechanics and Maintenance III and/or Cooperative Methodology	1 each

Grade	Course Name	Credit
9	Principles of Agricultural Science or AgriScience or Honors AgriScience	1 each
10	Forestry or Advanced Principles of Agriculture	1 each
11	Wildlife Management and Recreation or Leadership and Communication	1 each
12	Plant and Soil Science or Cooperative Methodology	1 each

All classes in Agriculture require students to pass a safety test with a score of 100 and have proof of insurance before they are allowed in the shop/lab.

2/10/10

ADVANCED PRINCIPLES OF AGRICULTURAL SCIENCES (5155)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Builds on the fundamental skills developed in Agriscience and Fundamentals of Agriculture to allow students to be active in advanced concepts regarding plant and animal science, agriculture mechanics and leadership development.

AGRISCIENCE (5171)

Open to grade 9 only

1 credit

Board-approved fee may be requested.

Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

AgriScience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The content area covers ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

AGRICULTURAL BUSINESS/FINANCE (5150)

Open to grades 11 and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation.

Board-approved fee may be requested.

Agricultural Business/Finance contains standards that address the economic principles necessary for a successful business. As technology improves the ability to communicate, marketing and production must change in order for industries to remain competitive.

AGRICULTURAL MARKETING AND SALES (5153)

Open to grades 10, 11 and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation.

Board-approved fee may be requested.

The course introduces students to the different types of agricultural businesses found in local communities and the skills businesses are looking for in employees. Students will enhance skills and techniques utilized in agricultural marketing and sales agreements to meet the needs of consumers and employers.

HONORS AGRISCIENCE (5171H)

Open to grade 9 only

1 credit

Pre-requisite: An "93" average in 8th grade science OR recommendation of the 8th grade science teacher.

AgriScience, Principles of Agricultural Sciences and Principles of Horticultural Sciences cannot be taken before, with or after this class.

Board-approved fee may be requested.

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The content area covers ecology, biological processes, sexual and asexual reproduction and a study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

2/10/10

AGRICULTURAL MECHANICS AND MAINTENANCE 1 (5151)

Open to grades 10 and 11

1 credit

Board-approved fee may be requested.

Includes standards to prepare students for operational procedures for a shop or a home environment. Students learn basic skills in areas ranging from welding and electricity to land measuring to plumbing. Students will be instructed on the FFA student organization, program of activities, basic leadership skills, and supervised agriculture experience programs.

AGRICULTURAL MECHANICS AND MAINTENANCE 2 (5152)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agricultural Mechanics and Maintenance 1

Board-approved fee may be requested.

Includes basic information and laboratory activities on small engines, tractors, and agricultural equipment maintenance, repair and overhaul. Standards address competencies for electrical motors, hydraulic systems and fuel-powered engines.

AGRICULTURAL MECHANICS AND MAINTENANCE 3 (5178)

Open to grades 11 and 12

1 credit

Prerequisite: Agriculture Mechanics and Maintenance 1 or 2, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Includes basic technologies of metal fabrication and agriculture structures. Also includes hot/cold metal work, and material computation, electric wiring and codes, blueprint reading and drawing and selection of appropriate materials for projects.

ANIMAL BIOTECHNOLOGY (5186)

Open to grades 11 and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

This course is to prepare students with interests in higher-level, science-based animal agriculture. Students will study rigorous standards related to taxonomy, anatomy and physiology, body systems, reproduction, hormonal and immune systems, nutrition, heredity and genetics (molecular biology), health, agrimedecine, well-being, DNA and biotechnology, and emerging technologies associated with companion and production animals.

AQUACULTURE/HYDROPONIC (5159/5179)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

This course focuses on standards that challenge students to plan for future food needs using advanced technologies and less space. It includes career choices, production, marketing, anatomy, and water quality and leadership skills needed for careers in agriculture. Hydroponics blend environmental and aquaculture plans for future food needs on less space.

COOPERATIVE METHODOLOGY (5180)

Open to grades 11 and 12

2 credits 1 for classroom and 1 for internship

A student must be enrolled in another Agriculture or a Career Technical Education class that is related to their job.

Prerequisite: Enrolled in an Agriculture course.

Board-approved fee may be requested.

This course is designed to help student with their SOEP.

2/10/10

FLORAL DESIGN (5164)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

This course is designed to introduce principles in floral design, arrangements, corsages, bonsai care, landscape architectural design, and landscaping and grounds maintenance. Also, this course will introduce students to the career opportunities in the floral industry.

FORESTRY (5165)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Develops student knowledge of forestry technology as it progresses. Students will develop skills in producing, harvesting, marketing, developing forestry products, and evaluate practices insuring the protection of natural resources found in the forest ecosystem.

GREENHOUSE MANAGEMENT (5167)

Open to grades 10, 11, and 12

1 or 2 credits

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation.

For an 11th or 12th grade student this class can be a Dual Credit class with MTSU.

Board-approved fee may be requested.

Develops basic skills and general knowledge of greenhouse operations. Includes standards regarding environmental needs of plants, government regulations of greenhouses and management skills needed for successful greenhouse production.

HORSE SCIENCE (5168)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Designed to develop basic understanding of equine handling, health, maintenance, reproduction, selection and management. Provides students with a fundamental understanding in animal science to prepare them for advanced courses in the animal science sub-cluster.

LANDSCAPING AND TURF MANAGEMENT (5163)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Landscaping and Turf Management includes standards to prepare students for creating beautiful environments for homes and businesses. This course includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl these career opportunities are increasing daily. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry.

LEADERSHIP and COMMUNICATIONS (5169)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

Leadership and communication analyzes attributes and capabilities of those in leadership positions; to assist students in the development of their communication skills and interpersonal relationships and other related skills. Most jobs are lost or gained because of the leadership and communication ability a person has. As we enter the 21st century and a global market place, these skills will become more important as an asset for career success.

2/10/10

LIVESTOCK MANAGEMENT (5177)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Fundamentals of Agriculture, with a grade of at least 80 or teacher recommendation.

An 11th or 12th grade student can enroll in a Dual Enrollment class through Tennessee Tech.

Board-approved fee may be requested.

Prepares students for a career in animal science. Includes basic knowledge of animal anatomy, nutrition, health, genetics, and animal facilities. Students will evaluate the effect a livestock management program has on the local ecosystem.

PLANT BIOTECHNOLOGY (5175)

Open to grades 11 and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation and Biology

Board-approved fee may be requested.

This course is to prepare students with interests in higher-level, science-based plant agriculture. Students enrolled in this course will study rigorous standards related to the principles of plant growth, cell structure and functions, heredity and genetics (molecular biology), plant breeding and improvement, hormones and growth regulators, chemical nature of plant life, flower structure and function, seed formation and germination, DNA and biotechnology, and emerging technologies. Students will use scientific investigation to determine a plant problem. FFA and supervised experience will be included as appropriate.

PRINCIPLES OF AGRICULTURAL SCIENCES (5154)

Open to grades 9, 10 and 11

1 credit

Board-approved fee may be requested.

AgriScience, Honors Agriscience and Principles of Horticultural Sciences may not be taken before, with or after this course.

Designed to develop basic theories and principles involved in animal science, agribusiness, agricultural mechanics, and natural resource management, careers, leadership, and an active FFA organization. The standards prepare students to choose among agricultural careers for the 21st century.

PRINCIPLES OF HORTICULTURAL SCIENCES (5184)

Open to Grades 9, 10, or 11

1 Credit

Board-approved fee may be requested.

Principles of Agricultural Sciences, Agriscience and Honors Agriscience may not be taken before, with or after this course.

This course introduces students to the vast areas of the horticulture industry. Topics include leadership, greenhouse management, garden center operations, floriculture, nursery operations, landscaping, and turf grass management. An introduction to plant and soil science is included as a necessary foundation to the success of today's horticulturalist.

VETERINARY SCIENCE (5176)

Open to grades 11 and 12

1 credit

Prerequisites: Biology and AgriScience or Small Animal Care; or Biology and Principals of Agricultural Science or Small Animal Care, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Advanced standards will familiarize students with competencies required in a veterinary science career. The animal health industry continues to grow in importance and prominence as more people purchase animals for pleasure and sustenance.

2/10/10

SMALL ANIMAL CARE (5172)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principals of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Contains objectives preparing students for careers in managing and caring for specialty and pet animals. This class will focus on such areas as: parasite control, safe animal restraint, safety in chemical application, calculating dosages, asses the benefit of neutering and spaying, animal rights vs. animal welfare.

WILDLIFE MANAGEMENT AND RECREATION (5174)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Agriscience or Honors Agriscience or Principles of Agricultural Science or Principles of Horticultural Science, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

This course meets the needs of students desiring a basic knowledge of wildlife science and management. Wildlife management offers the hunters education program, which certifies students with the Tennessee Wildlife Resource Agency in Hunting and Firearm Safety. Students will explore careers in outdoor recreation, conservation and construction. Upon completion students will know that wildlife merits appreciation for its aesthetic, game, scientific, and commercial values to society and the environment.

Business Technology Cluster - Suggested Course Sequence

All classes in this cluster require a student to pass a safety test.

Career Cluster – Finance - Banking and Finance

Grade	Course Name	Credits
9	Computer Applications and/or Integrated Input Technology	1
10	Accounting I	1
11	Financial Planning and/or Business Management and/or Accounting 2	1
12	Banking and Finance	1

Career Cluster – Business, Management, and Administration – Human Resources

Grade	Course Name	Credits
9	Computer Applications	1
10	Interactive Multimedia Design	1
11	e-Business Communications	1
12	Integrated Input Technology and/or Administrative Management	1

Career Cluster – Information Technology – Web Design

Grade	Course Name	Credits
9	Computer Applications	1
10	Web Page Design 1 – Foundations	1
11	Web Page Design 2 – Site Design	1
12	Web Page Design 3 – E-Commerce	1

ACCOUNTING 1 (3779)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Algebra 1

Board-approved fee may be requested.

Provides students with fundamental accounting skills and theories, introducing students to accounting terms, the accounting equation, and the use of accounting in business transactions. General and specialized journals, subsidiary ledgers, worksheets, and financial statements are taught for sole proprietorship, partnerships, and corporations. Payroll and taxes are introduced along with related banking activities. Simulation sets are used to reinforce accounting procedures. Some automation will be incorporated.

2/10/10

ACCOUNTING 2 (3780)

Open to grades 11 and 12

1 credit

Prerequisite: Accounting 1

Board-approved fee may be requested.

Advanced course designed to develop skills in specialized accounting procedures such as control systems, cost accounting, managerial accounting and fundamental auditing procedures. Automation is incorporated in this class.

ADMINISTRATIVE MANAGEMENT (3737 OR 3737V)

Open to grades 10,11 and 12

1 credit

Prerequisite: Computer Applications 1 with a grade of at least an 80

Board-approved fee may be requested.

This capstone course provides advanced training, including hands-on experiences, for students pursuing a career in business technology. Skills will be enhanced through a multi-tasking environment incorporating input technologies, information processing systems, administrative/information management, problem-solving, reasoning, team-building, time-management, business standards, feasibility studies, cost/budgeting, professional leadership, ethical and legal issues, and mathematics and communications. Production and administrative skills are developed to meet industry's standards

AMERICAN BUSINESS LEGAL SYSTEMS/BUSINESS ECONOMICS* (3719 and 3755) or (3719V and 3755V)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

This course can substitute for the required credit in either Economics OR Government

A study of the legal framework in which American businesses operate, including the free enterprise system in a democratic society. Students analyze the alliance between capitalism and democracy and the fundamental concepts of the various players in the economic system. Topics covered 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.

***This course may substitute for either United States Government or Economics.**

BANKING AND FINANCE (3756)

Open to grades 11 and 12 Placement is by application

1 credit

Board-approved fee may be requested.

Banking and Finance is a course designed to challenge the student with real banking and financial situations through a partnership with a local financial institution that would bring resources of mentors, seminars, and hands on experience with the day-to-day operations of a bank. Enrollment in this course provides students with finance and special job skills in banking and financial institutions. Course responsibilities include a student-operated enterprise and special projects to help the day-to-day operation of the school facility.

BUSINESS MANAGEMENT (3707)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

Examines areas, including business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development, and related careers. Students 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.

COMPUTER PROGRAMMING: C++ (3632)

Open to grades 11 and 12

1 credit

Prerequisite: Keyboarding skills

Board-approved fee may be requested.

Designed to give the student an introduction to C++ Programming. Students will utilize the commands, statements, and procedures of this language to develop computer programs.

2/10/10

DESKTOP PUBLISHING (3741)

Open to grades 11 and 12

1 credit

Prerequisite: Document Design and Production or Computer Applications with a grade of at least an 80

Board-approved materials fee may be collected.

Board-approved fee may be requested.

The student will develop skills in electronic publishing design, layout, composition, and photo journalism. Content provides the opportunity to acquire marketable skills and to prepare for gainful employment and/or entry into postsecondary education institutions in the graphic communications industry. Problem-solving projects simulate those found in the graphic communications industry.

DOCUMENT DESIGN AND PRODUCTION (3775/3727) or (3775V/3727V)

Open to grades 9, 10, 11 and 12

1 credit (Cannot be taken if you have had any other computer class or if you scored 80 or above on the written portion of the 8th Grade Proficiency Test and have a minimum speed of 30 net wpm)

Board-approved fee may be requested.

***This course articulates at selected colleges for 3 credit hours of BUS S111-Keyboarding Word Processing.**

Designed to develop keyboarding skills, layout, and production of business and academic documents. Formatting, typography, and layout design concepts are applied in the production of business letters, forms, reports, and tables. Industry production standards using Microsoft applications are emphasized. Simulated projects are used to develop problem-solving skills.

e-BUSINESS COMMUNICATIONS (3704)

Open to Grades 11 and 12

1 credit

Board-approved fee may be requested.

Addresses the use of the Internet as a means of developing business communications, ethics, security issues, and on-line research methods with a focus on education and career planning, electronic resumes, and work portfolios. Students research and develop a plan that will lead them toward their career goals and make them competitive in a continuously changing workplace.

FINANCIAL PLANNING (3717 or 3717V)

Open to grades 10, 11 and 12

1 credit

Board-approved fee may be requested.

Financial Planning is a course designed to develop skills in the use of financial principles in making business decisions. Students will research job qualifications and employment opportunities in finance. The course includes a study of the allocation of financial resources, the effects of finance and credit institutions on the business community and the impact of financial decisions on the consumer market. Ethical issues will be presented in this course as well as money management techniques.

INTERACTIVE MULTIMEDIA DESIGN (3746)

Open to grades 10, 11 and 12

1 credit

Prerequisite: Document Design and Production or Computer Applications with a grade of at least an 80

Board-approved fee may be requested.

Offered alternating years. Available 2010-2011.

Students will create various presentations that require imported data/graphics, digital audio, images, and video clips. It will cover electronic systems and software programs that utilize graphic design, page composition, image conversion, and video editing. Students will use scanners, digital cameras, and CD burners with computers to produce interactive multimedia presentations, which will be saved to an electronic portfolio. Individual and team development will also be stressed using project-based activities.

2/10/10

COMPUTER APPLICATIONS (3718) or (3718V)

Open to grades 9, 10, 11 and 12

1 credit

Prerequisite: Document Design and Production with a grade of at least an 80 or *acceptable grade on 8th Grade Proficiency Test

Board-approved fee may be requested.

Teaches intermediate skills using current Microsoft applications. Includes the study of Internet skills, word processing, spreadsheets, database, graphics, desktop publishing, multimedia presentation design, Web pages, and networking functions. Students learn marketable skills and work toward industry-recognized MOUS Certification. Multi-tasking, prioritizing and time-management skills will be stressed utilizing project-based assignments.

***Proficiency Test: Must have scored 80 or above on the written portion of the 8th Grade Proficiency Test and have a minimum speed of 30 net wpm.**

INTEGRATED INPUT TECHNOLOGY (3730/3730V)

Open to grades 9, 10, 11 and 12

1 credit

Prerequisite: Computer Applications with a grade of at least an 80.

Board-approved fee may be requested.

*** This course articulates at selected colleges for 3 credit hours of CIS 100**

An advanced course in which students learn necessary skills in problem solving, using a variety of input technologies such as advanced keyboarding, scanning, speech recognition, and handwriting recognition. The course focuses on accountability, competency, and MOUS Certification preparation. Students work toward the attainment of high-level, employable competencies.

PERSONAL FINANCE (3766)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

This course is designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as savings and investing.

PRINCIPLES OF BUSINESS (3709)

Open to grades 9, 10, 11 and 12

1 credit

Board-approved fee may be requested.

Designed for students interested in acquiring introductory business information for personal use and as an initial course for students planning a career in business. Course content emphasizes consumerism, financial management, insurance, and career opportunities.

WEB PAGE DESIGN 1 - FOUNDATIONS (3758/3758V)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Document Design and Production with a grade of at least an 80 or *acceptable grade on 8th Grade Proficiency Test

Board-approved fee may be requested.

Provides students with work-related Web design skills needed for advancement into post-secondary education or industry. Course content includes an introduction to: Internet basics (Web browsers, e-mail, search engines, e-commerce), creating Web pages using Hypertext Markup Language (HTML), and networking (LANS, WANS, servers). The course skills and objectives provide for and follow the framework provided for the Certified Internet Webmaster "Foundations Series" national certification examination.

***Proficiency Test: Must have scored 80 or above on the written portion of the 8th Grade Proficiency Test and have a minimum speed of 30 net wpm.**

2/10/10

WEB PAGE DESIGN 2 - SITE DESIGN (3759/3759V)

Open to grades 9, 10, 11 and 12

1 credit

Prerequisite: Web Page Design 1 - Foundations

Board-approved fee may be requested.

Designed to build on skills learned in Web Page Design 1, this course teaches students how to create and manage Web sites. Commercial Web design software is used to edit graphic images for the Web, create animation, and incorporate multimedia into Web pages. The course skills and objectives provide for and follow the framework provided for the Certified Internet Webmaster "Site Designer" national certification examination.

WEB PAGE DESIGN 3 - E-COMMERCE (3760/3760V)

Open to grades 10, 11 and 12

1 credit

Prerequisite: Web Page Design 2 - Site Design

Board-approved fee may be requested.

Designed to build on skills learned in Web Page Design 2, this course teaches students how to conduct business online and how to manage the technological issues associated with constructing an electronic-commerce Web site. Course content examines Web design in e-commerce with marketing, customer relations, and commercial Web site publication. The course skills and objectives provide for and follow the framework provided for the Certified Internet Webmaster "E-Commerce Designer" national certification examination.

Some of the courses described above can be articulated at Volunteer State Community College, Nashville State Community College, Tennessee Technology Center at Hartsville, and the Tennessee Technology Center at Nashville. Students interested in attending any of these post-secondary institutions must assume the responsibility of determining whether they meet the criteria to articulate. Contact your school counselor for details.

FAMILY AND CONSUMER SCIENCES

F.C.C.L.A. is an integral part of all classes.

All classes in Family and Consumer Science require students to pass a safety test with a score of 100 and have proof of insurance before they are allowed in the shop/lab.

Career Cluster – Teaching Training Services 5.31

Grade	Course Name	Credits
9	Computer Applications	1
10	5603 FACS	1
11	5610 Child and Lifespan Development	1
12	5622 Teaching as a Profession	1

Career Cluster – Fashion Design 3.33

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5621 Fashion Design and Merchandising	1
11	5619 Textiles and Apparel	1
12	5623 Life Connections	1

Career Cluster – Interior Design 2.0

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5619 Textiles and Apparel / 5623 Life Connections	1
11	5614 Housing	1
12	5611 Interior Design	1

2/10/10

Career Cluster – Consumer Services - 10.5

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5605/5602 Consumer Economics	1
11	5613 Personal Finance	1
12	5623 Life Connections	1

Career Cluster – Counseling and Mental Health Services - 10.2

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5606 Family & Parenting / 5610 Child and Lifespan Development	1
11	5623 Life Connections	1
12	5609 Nutrition and Foods	1

Career Cluster – Family and Community Services -10.3

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5606 Family & Parenting Education	1
11	5610 Child and Lifespan Development / 5609 Nutrition and Foods	1
12	5623 Life Connections	1

Career Cluster – Nutrition Counseling

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5609 Nutrition & Foods	1
11	5615 Nutrition Science	1
12	5610 Child and Lifespan Development	1

CHILD AND LIFESPAN DEVELOPMENT (5610)

Open to grades: 10-11-12

1 credit

Prerequisite: Family & Consumer Sciences (FACS)

Board-approved fee may be requested.

This course prepares students to understand the physical, social, emotional and intellectual growth and development throughout the lifespan. Experiences such as laboratory observations, job shadowing, service learning and laboratory participation will enhance the learning process. Instructional content includes child development theories and research; prenatal development; infants and toddlers; preschool years; middle childhood; adolescence; adulthood; geriatrics; death and dying; careers; and leadership, citizenship and teamwork.

CONSUMER ECONOMICS (5602)

Open to grades 10, 11, and 12

1 credit

This course may substitute for the required course of Economics.

This course does not meet NCAA requirements.

Board-approved fee may be requested.

Study of the United States economic system. Students learn to function as informed consumers, use credit responsibly, make decisions about individual and family financial matters, recognize influences of advertising, use goods and services, plan insurance needs, plan for financial literacy, and assess and allocate resources. Academic integration and Gateway reinforcement are integral parts of the curriculum.

2/10/10

FAMILY AND CONSUMER SCIENCES (5603)

Open to grades 9 and 10

1 credit

Board-approved fee may be requested.

Focuses on learning to make decisions; set priorities; understanding physical and emotional development during adolescence; coping with pressures; managing personal resources; using consumer information; developing positive interpersonal relationships; establishing a satisfying living environment; planning for a healthy lifestyle using food preparation, nutrition and fitness; meeting clothing needs; and exploring career options. Also includes the introduction of F.C.C.L.A. (Family, Careers, Community Leaders of America), the student organization. Students must score 100 on safety test for placement in this class. Academic integration and Gateway reinforcement are integral parts of the curriculum.

FAMILY AND PARENTING (5606)

Open to grades 10 and 11

1 credit

Board-approved fee may be requested.

Family and Parenting Education is a specialized course which emphasizes the significance of the family as a basic unit of society and its impact on the well-being of individuals and society. The major focus of the course is preparation for marriage, parenthood, and the responsibilities for successful management of family life. The integration of Family, Career and Community Leaders of America (FCCLA) provides student opportunities for leadership development, personal growth, and school/community involvement.

FASHION DESIGN AND MERCHANDISING (5621)

Open to grades: 10-11-12

1 credit

Prerequisite: Family & Consumer Sciences (FACS)

Board-approved fee may be requested.

This course is a specialized course designed to introduce students to the world of fashion. Areas of study include fashion fundamentals, principles and elements of design; career options and preparation; product selection and maintenance; and consumer strategies. Instruction includes academic integration and technology applications.

HOUSING (5614)

Open to grades: 10-11-12

1 credit

Prerequisites: Family & Consumer Sciences (FACS)

Board-approved fee may be requested.

This course is a specialized course designed to prepare students to understand the influences affecting housing decisions. Emphasis is on using available resources effectively to meet individual housing needs.

INTERIOR DESIGN (5611)

Open to grades: 10-11-12

1 credit

Prerequisite(s): Family & Consumer Sciences (FACS) or Housing

Board-approved fee may be requested.

This course is a specialized course focusing on the interior of living environments. The course includes instruction in the fundamentals of interior design; the application of skills, knowledge, and design principles to the living environment; interior design occupations and careers; universal and "green" design; and professional and marketing skills. Instruction includes academic integration and technology applications.

2/10/10

LIFE CONNECTIONS (5623)

Open to grades: 11-12

1 credit

Board-approved fee may be requested.

This is a course designed to assist students in making a successful transition from high school into the post high school environment. Students will be empowered to take action for the wellbeing of themselves and others as they effectively manage the roles and responsibilities created by family, career and community interactions. The role of communication in establishing and maintaining healthy interpersonal relationships is emphasized. Skills related to decision making, problem solving, critical and creative thinking, technology, and workplace readiness practiced in *Life Connections* will provide students with an understanding of how to plan for and manage careers in an ever-changing workplace.

NUTRITION AND FOODS (5609)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Focuses on the social and cultural significance of food. Includes units in learning to be a wise consumer; using reliable nutrition information; managing food needs for self and others, understanding the relationship of nutrition to growth and health; exhibiting safe food practices and use of kitchen tools and appliances. Academic integration and Gateway reinforcement are integral parts of the curriculum.

NUTRITION SCIENCE (5615)

Open to grades 11 and 12

1 credit

Prerequisite: Biology or Chemistry or Physical Science

Board-approved fee may be requested.

Focuses on the science of food utilization and relates scientific concepts and processes to practical applications in nutrition. Students use scientific methods in laboratory experiments to facilitate the understanding of the human body, nutrition, and science. Academic integration and Gateway reinforcement are integral parts of the curriculum. Co-taught academically and integrated by team approach between Family and Consumer science and Science departments. Due to the high-grade level restriction, it is recommended as a science for student pursuing careers in medicine, physiology and food marketing research.

PERSONAL FINANCE (5615)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

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.

The co-curricular student organization will provide students with opportunities for leadership development, personal growth, and school/community involvement.

TEXTILES AND APPAREL (5612)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Students learn to evaluate influences upon clothing needs; enhance self through clothing decisions; use textile consumer information; select and care for textile products; and develop basic clothing construction skills. Academic integration and Gateway reinforcement are integral parts of the curriculum.

2/10/10

TEACHING AS A PROFESSION (5622)

Open to grade: 12

1 credit

Prerequisite(s): Child and Lifespan Development and Life Connections

Board-approved fee may be requested.

Teaching is the profession that makes other professions possible.—Author unknown

This is a course designed to capture the interest of secondary students as potential teachers, introduce students to teaching as a profession, and foster respect for the teaching profession. Students will gain knowledge and skills that will establish a foundation for a successful pathway to a teaching career. Content standards guide students to discover challenges, opportunities, and rewards of a teaching career. Content includes history and current issues of education; teacher roles, responsibilities, and characteristics; self exploration and understanding the teacher and learning processes; human growth and development; teaching career opportunities and preparation; and components of instruction. Students will learn through classroom observations and experiences, student organization activities, and the development of a professional portfolio.

FAMILY AND CONSUMER SCIENCES
OCCUPATIONAL

EARLY CHILDHOOD EDUCATION CAREERS

All classes in this cluster require a student to pass a safety test.

Career Cluster – Early Childhood Development and Services -10.1

Grade	Course Name	Credits
9	5603 Family & Consumer Sciences	1
10	5650 Early Childhood Education Careers I	1
11	5660/5662 Early Childhood Education Careers II	1
12	5661/5662 Early Childhood Education Careers III	1

EARLY CHILDHOOD EDUCATION CAREERS 1 (5650) or (5650V)

Open to grades 9, 10, 11 and 12

1 credit

Board-approved fee may be requested.

Designed to inform students of options for employment in related occupations. To demonstrate knowledge of the competencies obtained during the first year level course, each student will be expected to complete a day care project (a written simulation of starting their own child care facility). To promote group participation and develop leadership skills, F.C.C.L.A. (Family, Career, and Community Leaders of America), the youth organization, is an integral part of the curriculum. Academic integration and Gateway reinforcement are integral parts of the curriculum.

EARLY CHILDHOOD EDUCATION CAREERS 2 (5660) or (5660AV)

Open to grades 10, 11 and 12

1 credit - (1st or 2nd Block / Spring Term ONLY)

Prerequisite: Early Childhood Education Careers 1, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Assists students in the preparation for employment in related occupations using knowledge and skills in personal management, development, and improving understanding of children's growth patterns. To evaluate skills/abilities of the students, a 10 week nursery school, "Tot Time" / "Nursery School", is operated on-site during March, April, and May. During this one-and-one-half-hour four days per week practicum, students (employees) perform daily skills/abilities needed to provide a learning environment for 2 - 5 year old children. To promote group participation and develop leadership skills, F.C.C.L.A. is an integral part of the curriculum. Academic integration and Gateway reinforcement are integral parts of the curriculum.

EARLY CHILDHOOD EDUCATION CAREERS 3 (5661BV)**Open to grades 11 and 12****1 credit (1st or 2nd Block / Spring Term ONLY)****Prerequisite: Early Childhood Education Careers 2 with an average of 80 or above or teacher recommendation****Board-approved fee may be requested.**

Designed as a "follow-up" to Early Childhood Education Careers 1 and 2 with more emphasis on awareness and employment in related occupations. To further advance and emphasize skills/abilities of the students, "Tot Time" will be a practicum to reinforce students' (employees') skills/abilities needed to work in the field of child care. To further promote group participation and develop leadership skills, F.C.C.L.A. will continue to be an integral part of the curriculum. Academic integration and Gateway reinforcement are integral parts of the curriculum.

Some of the courses described above can be articulated at Volunteer State Community College, Nashville State Community College, Tennessee Technology Center at Hartsville, and the Tennessee Technology Center at Nashville. Students interested in attending any of these post-secondary institutions must assume the responsibility of determining whether they meet the criteria to articulate. Contact your school counselor for details.

HEALTH SCIENCE AND TECHNOLOGY

HOSA (HEALTH OCCUPATIONS STUDENTS OF AMERICA) will be an integral part of ALL health science classes.

All classes in this cluster require a student to pass a safety test.

Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Biotechnology Research & Development	5504 Health Science Education	5511 Diagnostic Medicine	5513 Biomedical Applications	5514 Forensic Science
			5509HQ 5512 Anatomy & Physiology	
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Diagnostic Services	5504 Health Science Education	5506 Medical Therapeutics	5511 Diagnostic Medicine	5501 Clinical Internship
		5503 Rehabilitative Therapies	5509HQ 5512 Anatomy & Physiology	5514 Forensic Science
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Health Informatics 8.3	5504 Health Science Education	5505 Health Informatics	5511 Diagnostic Medicine	5501 Clinical Internship
		5503 Rehabilitative Therapies	5509HQ 5512 Anatomy & Physiology	
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Therapeutics Services 8.1	5504 Health Science Education	5506 Medical Therapeutics	5510 Emergency Medical Services	5507 Nursing Education
		5503 Rehabilitative Therapies	5509/5512 Anatomy & Physiology	5501 Clinical Internship
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Support Services 8.4	5504 Health Science Education	5506 Medical Therapeutics	5500 Support Services	5501 Clinical Internship
		5503		5507

		Rehabilitative Therapies		Nursing Education
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ANATOMY AND PHYSIOLOGY (5509) or (5509V)**Open to grades 11 and 12****1 credit****Prerequisites: Biology and Chemistry****This course will substitute for a science credit.****Board-approved fee may be requested.**

Designed for students planning to pursue a health care profession; includes the study of the normal body defenses against disease processes, the effects of abnormal factors on the normal functioning of the body, the comparison of anatomical structures and physiological functions of each body system, and the treatments for system diseases.

BIOMEDICAL APPLICATIONS (5513) or (5513V)**Open to grades 11 and 12****1 credit****Prerequisites: Biology and Chemistry****Board-approved materials fee may be collected.**

An overview of biomedical applications. Topics covered include understanding laboratory procedures fundamental to biomedical research, which include D.N.A., protein purification, and cell and tissue culture. Additional topics include communication skills, the history and development of the field of biomedical research and understanding the legal environment and technology transfer of biomedical research.

CLINICAL INTERNSHIP (5501)**Open to grades 11 and 12****1 credit****Board-approved fee may be requested.****Students must have completed one of the listed classes PRIOR to being enrolled in this class.**

Students may choose to complete a clinical internship after completing Medical Therapeutics, Diagnostic Medicine, Medical Informatics, Rehabilitative Therapies, Nursing Education, or Emergency Medical Services. The internships are designed to be completed in a hospital, nursing home, rehab center, medical office, or other health care facility.

DIAGNOSTIC MEDICINE (5511) or (5511V)**Open to grades 11 and 12****1 credit****Board-approved fee may be requested.**

Designed for students interested in medicine. Includes the study of cardiology, imaging, the medical laboratory, radiology, and other forms of diagnostic medicine. Upon successful completion, students will be able to perform basic medical diagnostic skills.

EMS, EMERGENCY MEDICAL SERVICES (5510) or (5510V)**Open to grades 11 and 12****1 credit****Board-approved fee may be requested.**

Provides students with the opportunity to gain the knowledge, skills and confidence to give appropriate care when called to help a victim of injury or sudden illness. Designed for students who are interested in a better understanding of emergency medical technicians, paramedics, ER nurses, and other careers associated with emergency management.

FORENSIC SCIENCE (5514)**Open to grades 11 and 12****1 credit****Board-approved fee may be requested.**

Provides students with an overview of how science is applied to solving crimes. Topics including history of forensic sciences, collecting of evidence, analyzing results, and hands-on applications of many laboratory techniques used in solving crimes and identifying people and future careers. Students will participate in a staged crime scene to apply knowledge and skills gained.

2/10/10

HEALTH INFORMATICS (5505)

Open to grades 10, 11 and 12

1 credit

Board-approved fee may be requested.

This course will provide knowledge of ways to document an individual care in the home, hospital, long-term care, outpatient, and others. Careers could include medical records, health management, risk management coordinator, computer operator, patient advocate, clinical department director, data analyst and others.

HEALTH SCIENCE EDUCATION (5504) or (5504V)

Open to grades 9, 10, 11, and 12

1 credit

Board-approved fee may be requested.

This course is designed as the first course a student should take if they are interested in being in the Health Care profession. Includes the study of health careers, career success, leadership development through Health Occupation Students of America (HOSA) activities, basic nutrition, diet therapy, safety measures, applications of metric systems, environment/community health, growth and CPR and first aid.

MEDICAL TERMINOLOGY (5590) (Dual Enrollment with Vol State)

Open to grade 12

1 credit

Prerequisite: Health Science Education and Medical Therapeutics

In order to enroll in this class, a student must meet Vol States entrance requirement.

Board-approved fee may be requested.

A study of the language of the Allied Health sciences and medicine with emphasis on body systems, prefixes, suffixes, root terms, pronunciation and spelling. Upon completion of the course the student will be able to analyze words structurally; correlate an understanding of the word elements with basic anatomy, physiology, and disease processes of the body; and recognize correct spelling and pronunciation.

MEDICAL THERAPEUTICS (5506) or (5506V)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Explores career opportunities and issues in health care while focusing on leadership development, anatomy and physiology, medical microbiology, pharmacology, and basic skills. Upon successful completion of this course, students will have basic skills, such as checking blood pressure, and will be certified in the lifesaving techniques of CPR and first aid.

NURSING EDUCATION (5507) or (5507V)

Open to grade 12

1 credit

Prerequisite: Have credit upon registration in a minimum of 2 Health Science classes.

Board-approved fee may be requested.

Parent and Student informational meeting required prior to start of class. Date to be announced.

Focuses on the study of dealing with direct bedside nursing care. Includes clinical experience and supervised practice (for selected students) in a nursing home setting. Upon successful completion, the student will be eligible to take the state exam for Certified Nursing Technician.

REHAB THERAPY (5503) or (5503V)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Designed for students interested in exploring careers associated with rehabilitation. Includes the study of bones, muscles, joints, and nerves in the human body; correct body alignment; routine range of motion exercises; personal fitness; exercise physiology; or recreational therapy. Also includes information for students interested in speech therapy, music therapy, occupational therapy and athletic training.

2/10/10

SUPPORT SERVICES (5500) or (5500V)

Open to grades 10, 11 and 12

1 credit

Board-approved fee may be requested.

In this course you will learn knowledge and skills necessary to provide an environment for the delivery of health care. Careers could include central supply, facility maintenance, food service, interior decorating and others.

Some of the courses described above can be articulated at Volunteer State Community College, Nashville State Community College, Tennessee Technology Center at Hartsville, and the Tennessee Technology Center at Nashville. Students interested in attending any of these post-secondary institutions must assume the responsibility of determining whether they meet the criteria to articulate. Contact your school counselor for details.

MARKETING EDUCATION

All classes in this cluster require a student to pass a safety test.

Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Hospitality and Tourism	Foundations of Hospitality	Marketing 1	Travel and Tourism	Hospitality Management or Sports and Entertainment Marketing or WBL
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Fashion Marketing	Exploration in Marketing	Marketing 1	Marketing 2	Retail Operations or Wholesale Logistics or Advertising and Public Relations or WBL
Program of Study	9th Grade	10th Grade	11th Grade	12thGrade
Business Ownership/ Entrepreneurship	Exploration in Marketing	Marketing 1	Marketing 2	Entrepreneurship or WBL

ADVERTISING & PUBLIC RELATIONS (5016)

Open to grades 11 and 12

1 credit

Pre-requisite: 1 credit in Marketing 1

Board-approved fee may be requested.

Advertising and Public Relations is designed to develop an understanding of concepts and strategies needed to communicate information about products, services, ideas and/or images to achieve a desired outcome.

EXPLORATION OF MARKETING AND MANAGEMENT (5014)

Open to grades 9, 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

This course is designed to introduce and provide an overview of marketing, management, and related employment opportunities. Students will explore important marketing concepts, functions, communication, and interpersonal skills necessary for marketing and management careers.

2/10/10

ENTREPRENEURSHIP/INTERNSHIP (5005V) or (5005)

Open to grade 12

2 credits 1 credit for classroom and 1 credit for internship

Prerequisite: 1 credit in any marketing course and a minimum G.P.A. of 80

Board-approved fee may be requested.

This course can substitute for the required course of economics.

Provides students the opportunity to analyze and evaluate the various aspects of business ownership in today's marketplace. Students will also be involved in the actual process of developing a business plan and determining its opportunities for success. Students are assigned to co-op based on application completion, reference checks, and attendance and academic records.

FOUNDATIONS OF THE HOSPITALITY INDUSTRY (5025)

Open to grades 9, 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Introduce students to the hospitality industry, including culinary arts, hotel and restaurant management, lodging, travel, and tourism. Students will focus on the impact of the hospitality industry and consumer expectations, as well as, ethical, legal, and governmental considerations of the industry. Skills USA will be a part of classroom instruction.

MARKETING AND MANAGEMENT PRINCIPLES 1 (5000) or (5000V)

Open to grades 10, 11 and 12

1 credit

Board-approved fee may be requested.

This course can substitute for the required course of economics.

Focuses on the study of marketing concepts and their practical application. Students will examine risks and challenges which marketers face in establishing a competitive edge. Includes economics, marketing foundations/functions and human resource leadership development. Skills in communication, mathematics, economics and psychology are reinforced.

HONORS MARKETING AND MANAGEMENT 1 (5000H) or (5000HV)

Open to grades 10th, 11th and 12th.

1 credit

Pre-requisite: 3.00 GPA required

Board-approved fee may be requested.

This course can substitute for the required course of economics.

This course includes extended reading assignments, researched-based writing assignments, class presentations, and projects applying course curriculum to relevant real-world situations. Integration of appropriate technology and job shadowing are also included. This class emphasizes the global marketplace and the key aspects of marketing including advertising, sales, surveys, distribution, effective communication, marketing strategies, and management.

MARKETING AND MANAGEMENT 2 / INTERNSHIP (5001 and 9397) or (5001V and 9397V)

Open to grades 11 and 12

2 credits 1 credit for classroom and 1 credit for internship

Pre-requisite: 1 credit in Marketing 1

Board-approved fee may be requested.

Provides further detail of the marketing/management concepts taught in Marketing and Management 1. Students will examine challenges, responsibilities, and risk managers' face in today's workplace. Emphasizes the development of decision-making skills so that students understand the impact of management-oriented challenges. Students are assigned to co-op based on application completion, reference checks, and attendance and academic records.

2/10/10

PERSONAL FINANCE AND BUILDING WEALTH (5037)

1 credit

Open to grades 11 and 12

Pre-requisite: 1 credit in Marketing 1

Board-approved fee may be requested.

This course substitutes for a credit in Personal Finance.

Personal Finance and Building Wealth is a course which develops student understanding and skills in such areas as types of personal finance and investments, the stock market, and stock valuation. Students acquire an understanding and appreciation of the need for saving and investing. The capstone activity of the course is the development of a diversified stock portfolio. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Application of investment strategies is an on-going component of the course.

RETAIL OPERATIONS (5022V) or (5022)

Open to grades 10, 11, and 12 (Sr. can earn an additional credit for approved internship).

1 credit

Board-approved fee may be requested.

This course can substitute for the required course of economics.

Offers students the opportunity to learn marketing skills needed in the fast-paced world of fashion marketing. Students will learn that fashion retailing is a significant and vital component to the United States economy. Throughout the course the student will be made aware of the importance of retailing in its various forms.

SPORTS AND ENTERTAINMENT MARKETING (5023)

1 credit

Open to grades 11 and 12

Pre-requisite: Marketing 1

Board-approved fee may be requested.

Sports and entertainment marketing will include a specialized marketing course which is designed for students to develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry

WHOLESALE/LOGISTICS (5020) or (5020V)

2 credits 1 for classroom and 1 for internship

Open to grades 11 and 12

1 credit for classroom and 1 credit for internship

Board-approved fee may be requested.

This course can substitute for the required course of economics.

This course allows students the opportunity to explore the dynamics of the wholesale-Logistics industry and its relationship to the total marketing process. This course further offers an in-depth study of the wholesale-logistics operations, including wholesaling types, services, functions and careers. The format emphasizes technology, team building, personal development, participatory learning and business/community interaction.

Some of the courses described above can be articulated at Volunteer State Community College, Nashville State Community College, Tennessee Technology Center at Hartsville, and the Tennessee Technology Center at Nashville. Students interested in attending any of these post-secondary institutions must assume the responsibility of determining whether they meet the criteria to articulate. Contact your school counselor for details.

TRADES AND INDUSTRY**CONSTRUCTION**

All classes in the Construction Cluster require students to pass a safety test with a score of 100 and have proof of insurance before they are allowed in the shop / lab.

CONSTRUCTION CORE (5730)

Open to grades 9, and 10

1 credit

Board-approved fee may be requested.

This course introduces students to basic skills and knowledge applicable to all construction trades. 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.

CARPENTRY**Course Sequence Suggested**

Grade	Course Name	Credit
9 or 10	Construction Core	1
10 or 11	Carpentry 1	1
11 or 12	Carpentry 2	2

CARPENTRY 1 (5731) or (5731V)

Open to grades 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Introduces students to basic carpentry skills, tools associated with carpentry work, and job safety. The academic portion focuses on math training and review, technical data, and blueprint reading. The hands on portion covers a wide range of hand and power tools required for carpentry work. Students will receive instruction on the basic fundamentals of building techniques to include rough framing of floor systems and wall framing.

CARPENTRY 2 (5732) or (5732V)

Open to grades 11 and 12

2 credits - 2 terms

Prerequisite: Carpentry 2, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Educates students on various carpentry skills and tasks associated with construction other than residential framing. These tasks include interior trim, interior doors, decks, hardwood flooring, storage buildings, remodeling procedures consisting of drywall repair, floor repair, and numerous other tasks required for remodeling operations. Students will receive instruction on customer relations/communication and the administration portion of operating a small business as a sole proprietor/contractor, as well as participate in on-site tours of local industry and residential construction sites.

CABINET MAKING**Course Sequence Suggested**

Grade	Course Name	Credit
9 or 10	Construction Core	1
10 or 11	Cabinetmaking 1	1
11 or 12	Cabinetmaking 2	2

CABINET MAKING 1 (5743) or (5743V)

Open to grades 10, 11, and 12 with preference given to 10

1 credit

Board-approved fee may be requested.

Introduction to woodworking, including history of cabinet making and millwork, career exploration, training requirements, furniture designs, safety and housekeeping, and use of hand tools and power equipment in the cabinet shop.

2/10/10

CABINET MAKING 2 (5225AV)

Open to grades 11 and 12

2 credits-2 terms

Prerequisite: Cabinet Making 2, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Includes more detailed principles and procedures for construction of wood cabinets, furniture, and more detailed and designed wood products.

DRAFTING Course Sequence Suggested

Drafting

Grade	Course Name	Credit
10	Drafting 1 : Engineering Design / CAD	1
11	Drafting 2 : Engineering Design / CAD	1
12	Drafting 2 Advanced : Computer Aided Design (CAD)	2

DRAFTING 1: ENGINEERING DESIGN/CAD (5788) or (5788V)

Open to grades 9, 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Students will be using basic concepts of scale drawing and orthographic projections making simple 2 and 3 dimensional drawings using manual drafting tools and computer-aided design (CAD). This course enables a student to make the transition from the drawing board to the use of CAD software by having them make increasingly complicated drawings.

DRAFTING 2: ENGINEERING DESIGN/CAD (5788a) or (5788aV)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Drafting 1: Engineering Design/CAD (5788 or 5788V), with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Students complete more complex engineering and architectural assignments based on the knowledge and skills learned in Drafting 1 utilizing CAD (Autodesk's Design Academy programs). Students will be working individually and in teams on class projects to create a complete set of architectural construction drawings as well as production and assembly drawings for a mechanical product.

DRAFTING 2 ADVANCED: COMPUTER-AIDED DESIGN (5789) or (5789V)

Open to grades 11 and 12

2 credits – full year

Prerequisite: Drafting 2: Engineering Design/CAD (5788 or 5788V), with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Students learn to use a CAD program (Autodesk's Design Academy programs) to create engineering and architectural drawings, assembly drawings, welding and process drawings, cross sections, 3D representations, and bills of materials. Individual drawings with some group projects and increasing complex drawings are emphasized.

CRIMINAL JUSTICE Course Sequence Suggested

Criminal Justice

Grade	Course Name	Credit
10	Criminal Justice 1	1
11	Criminal Justice 2	1
12	Criminal Justice 3	2

2/10/10

CRIMINAL JUSTICE 1 (5330)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Provides an overview of our legal system including corrections, juvenile courts and law, ethics, constitutional issues, legislation, theories and principles of criminal law, law enforcement, history and philosophy of the court system, and alternate programs. For students interested in pre-law, corrections, penal systems, and law enforcement. Includes field trips, guest speakers, and mock trials.

CRIMINAL JUSTICE 2 (5331)

Open to grades 11 and 12

1 credit

Prerequisite: Criminal Justice 1, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Continuation of Criminal Justice 1 covering the constitution; federal, state, and local court systems; career positions (law enforcement, corrections, attorneys, etc.); corrections system; and state and local law. Includes mock scenes, criminal investigation techniques and forensics.

CRIMINAL JUSTICE 3A and 3B (5342A and 5342B)

Open to grade 12

2 credits full year OR students may opt to take either 1st term for 1 credit or 2nd term for 1 credit

Prerequisite: Criminal Justice 2, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Students will apply knowledge gained in Criminal Justice 1 and 2 through the use of research exercises, information gathering, interviews, observations at courthouses, and formulate and evaluate statistical data. Individual and group activities will develop problem-solving and teamwork skills in conjunction with development of academic skills. Through foundation workplace activities, students will travel outside the classroom during their research gathering for more context, detail, and real-life learning. Designed for seniors who plan to continue their education in the areas of legal and protective service careers.

CULINARY ARTS

All classes in the Culinary Arts require students to pass a safety test with a score of 100 and have proof of insurance before they are allowed in the shop / lab.

Course Sequence Suggested

Culinary Arts

Grade	Course Name	Credit
9	Culinary Arts 1	1
10	Culinary Arts 2	1
11	Culinary Arts 3	2
12	Culinary Arts 4	2

CULINARY ARTS 1 (5381) or (5381V)

Open to grades 9, 10, and 11 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Introduces students to food production skills (including preparation of breads, cakes, cookies, sandwiches, salads, appetizers, and garnishes), cooking, and safety and sanitation skills. Includes customer service skills, tool and small equipment usage, measuring techniques, and teamwork skills to further career development. To promote culinary excellence, the Skills USA club is a part of classroom instruction.

2/10/10

CULINARY ARTS 2 (5382) or (5382V)

Open to grades 10, 11, and 12

1 credit

Prerequisite: Culinary Arts 1, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Develops a broad knowledge of restaurant equipment, sanitation, personal hygiene, nutrition, diet, pastries, menu planning, and recipes. Includes the study of cost control, ordering, receiving and storing food. Consists of the evaluation and implementation of HACCP, a food safety program building upon knowledge of food preparation skills. To promote culinary excellence, the Skills USA club is a part of classroom instruction.

CULINARY ARTS 3 (5383) or (5383V)

Open to grades 11 and 12

2 credits - 1 term (CONSECUTIVE BLOCKS)

Prerequisite: Culinary Arts 2, with a grade of at least 80 or teacher recommendation

Proper chef attire will be required at a minimum of once a week.

Board-approved fee may be requested.

Success in this class involves all aspects of a restaurant, including meal preparation, presentation, serving, cleanup, teamwork, and individual responsibility. Extensive lab time is required during class time. To promote culinary excellence, the Skills USA Club is a part of classroom instruction.

CULINARY ARTS 4 (5384) or (5384V)

Open to grade 12

2 credit - 1 term (CONSECUTIVE BLOCKS)

Prerequisite: Culinary Arts 3, with a grade of at least 80 or teacher recommendation

Proper chef attire will be required for wear at minimum once a week.

Enrollment in this class is by application only!

Board-approved fee may be requested.

Only students who are selected through the application process will be allowed into this class. This class is designed for those students that are going to a Post Secondary Institution to pursue a Culinary Degree. Extensive lab time is required during class time. To promote culinary excellence, the Skills USA Club is a part of classroom instruction.

ELECTRONICS

Course Sequence Suggested

All classes in Electronics require students to pass a safety test with a score of 100 and have proof of insurance before they are allowed in the shop / lab.

Electronics

Grade	Course Name	Credit
10	Electronics 1	1
11	Electronics 2	2
12	Electronics 2 Advanced	2

ELECTRONICS 1: COMPUTER ELECTRONICS AND HARDWARE (5755A) or (5755AV)

Open to grades 9, 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Computer Electronics and Hardware is designed to prepare students with work-related skills for advancement in the telecommunication and computer architecture career paths. Content provides students the opportunity to acquire basic foundational knowledge and skills in both theory and practical applications in direct current, alternating current, digital and power supply circuits.

2/10/10

ELECTRONICS 2: COMPUTER ELECTRONICS AND HARDWARE (5755B) or (5755BV)

Open to grades 9, 10, 11, and 12 with preference given to 10 and 11

2 credits full year

Board-approved fee may be requested.

Course content includes fundamentals for personal computers (PC), networking, determining system requirements, setting up equipment, and performing installation tests for the end user. Content provides the opportunity to evaluate and install peripheral devices. Course content will be delivered through virtual training and hands-on methods. Competencies mastered during this course help prepare students toward acquiring basic electronics and/or A+ certifications.

ELECTRONICS 2 Advanced: COMPUTER OPERATING SYSTEMS (5756) or (5756V)

Open to grades 10, 11, and 12

2 credit full year

Prerequisite: Electronics 2 (5755 or 5755V), with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Computer Operating Systems is designed to allow students to develop work-related skills and prepare for certification in the computer architecture career path. Content provides students the opportunity to acquire knowledge and skill in both theory and practical applications pertaining to installing, upgrading and troubleshooting computer operating systems. Procedures used in the course may be hardware oriented, software oriented, or programming oriented. Upon completion of the course, students will possess a thorough knowledge of modern personal computer operating systems and be able to take the A + Certification exam.

MEDIA CONCEPTS

Course Sequence Suggested

Media Grade	Course Name	Credit
10	Media Concepts	1
11	Electronic Media Productions	1 or 2
12	Electronic Management and Operations	2

MEDIA CONCEPTS (5763)

Open to grades 10, 11, and 12

1 credit

Board-approved fee may be requested.

Entry-level course preparing students for the media industry. Course content provides a broad based exposure to audio, video, journalism and broadcasting within the media industry. Upon completion of this course, students will be prepared to pursue advanced coursework in either audio or video technology or journalism and broadcasting.

ELECTRONIC MEDIA PRODUCTION (5764)

Open to grades 10, 11, and 12

Can be taken for 1 or 2 credits

Prerequisite: Media Concepts, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Course content focuses on electronic media production (EMP) technologies utilizing simulation and / or real life projects. This course centers on production of various EMP products. The student will gain valuable insight into the many facets of EMP production, including, but not limited to concept creation, scripting, sound design, visual design, engineering editing, budgeting, and producing as well as well as exploring some of the latest advances in industry technology.

2/10/10

ELECTRONIC MANAGEMENT AND OPERATIONS (5765)

Open to grades 11 and 12

2 credits—full year

Pre-requisite: Electronic Media Production, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Focuses on simulated real-life electronic broadcasting media production and management activities and productions. Projects center on in-house production of newscasts, special events, and original programming. Course content is composed of scripting, broadcasting, reporting, directing, editing, budgeting, and producing, as well as cameras, lights, sound, and set design. This course will explore the latest digital technology and applications, research, and future trends in the electronic media industry. Upon completion, students will be prepared to pursue post-secondary education or enter the electronic media industry in an entry-level position.

TRANSPORTATION CLUSTER

All classes in the Transportation Cluster require students to pass a safety test and have proof of insurance before they are allowed in the shop / lab.

AUTO MECHANICS

Course Sequence Suggested

Grade	Course Name	Credit
10	Introduction to Automotive Technology	1
11	Automotive Technology 1 : Electrical and Electronics	2
12	Automotive Technology 2 : Engine Performance and Automotive Technology 2 Advanced : Brake Systems	2 and 1 credit

INTRODUCTION TO AUTOMOTIVE TECHNOLOGY (Transportation Core) (5702)

Open to grades 9, 10 and 11,

1 credit

Board-approved fee may be requested.

This course prepares students for entry into all subsequent Automotive Technology courses. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, automotive systems, basic engine fundamentals, and basic technician skills. Upon completing this course students may enter automotive service technology.

AUTO MECHANICS 1: ELECTRICAL/ELECTRONICS (5713) or (5713V)

Open to grades 10, 11, and 12 with preference given to 10 and 11

2 credits-full year

Prerequisites: Introduction to Automotive Technology with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

This course prepares students for entry-level positions or advanced training in automotive electrical and electronics systems. Students apply principles of electronics to automotive technology and develop diagnostic skills. The course provides students the opportunity to acquire marketable skills by training in the use of digital and analog voltmeters, ohmmeters, and amp-meters; as well as oscilloscopes, test-lights, load-testers and specialized electrical test equipment. After receiving classroom instruction on theory and operation, student knowledge is applied in the shop.

Course content prepares students for the Automotive Service Excellence (ASE) Electrical and Electronics.

Upon completing this course students may enter Automotive Engine Performance.

AUTO MECHANICS 2: ENGINE PERFORMANCE (5711) or (5711V)

Open to grades 11, and 12

2 credits-full year

Prerequisites: Auto Mechanics 1, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

The course covers electronic ignition and distributor ignition systems, fuel management, exhaust emission control, and computer input and output signals and will identify the different types of sensors used by automotive engine computers. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. After receiving classroom instruction on theory and operation, student knowledge is applied in the shop.

2/10/10

AUTO MECHANICS 3: BRAKE SYSTEMS (5712) or (5712V)

Open to grades 11, and 12

1 credit

Prerequisite: Auto Mechanics 2: Engine Performance (5711 or 5711V), with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Students will receive training in the diagnosis and repair of hydraulic, mechanical and electrical systems used in standard and anti-lock brake systems. This course content covers diagnostic, repair and or service technology of truck hydraulic and antilock brake systems to the original equipment manufacture (OEM) specifications. After receiving classroom instruction on theory and operation, student knowledge is applied in the shop.

Course content prepares students for the Automotive Service Excellence (ASE) Brake System test, for entry level placement in the workforce, and for entry into post-secondary education.

DIESEL MECHANICS TECHNOLOGY Course Sequence Suggested

Grade	Course Name	Credit
10	Introduction to Automotive Technology	1
11	Diesel Technology 1 : Preventive Maintenance Inspection	1
12	Diesel Technology 2 : Electrical and Electronics and or Diesel Technology 2 Advanced : Diesel Engine	2 credits and 1

DIESEL MECHANICS TECHNOLOGY 1: PREVENTIVE MAINTENANCE (5714V)

Open to grades 10, 11, and 12 with preference given to 10 and 11

1 credit

Board-approved fee may be requested.

Offers students training in the inspection and servicing of heavy trucks by introducing proper procedures and practices for preventive maintenance and servicing.

DIESEL MECHANICS TECHNOLOGY 2: ELECTRICAL/ELECTRONICS (5717V)

Open to grades 10, 11, and 12

2 credits – full year

Prerequisite: Diesel Mechanics Technology 1, with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Training in the diagnosis and repair of the electrical systems of medium and heavy trucks. Students apply principles of electricity and electronics to diesel technology and develop diagnostic skills. Training in the use of test equipment such as digital multimeters (DMM) and ammeters is included.

DIESEL MECHANICS TECHNOLOGY 2: ADVANCED DIESEL ENGINE (5718V)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

Prerequisite: Diesel Mechanics 2, with a grade of at least 80 or teacher recommendation

Offers training in the testing and repairing of diesel engines and related systems. Introducing fundamental principles of diesel engine operation. Students will learn to perform inspections, test, and measurements of diagnosis and perform needed repairs.

WORK BASED LEARNING

WORK BASED LEARNING [Academic (9398), Vocational (9397)]

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

For students in career technical education and academic education classes. Allow students to gain on-the-job experience while being enrolled in a class that directly relates to the paid job experience. Students are required to work a minimum of fifteen (15) hours per week. Students are placed and monitored on the job by the cooperative education coordinator.

2/10/10

SUCCESS SKILLS THROUGH SERVICE LEARNING (9395)

Open to grades 11 and 12

1 credit

Board-approved fee may be requested.

A program, which combines volunteer service and classroom instruction and provides a comprehensive approach. Focuses on ethical, social and intellectual skill development of students; development of positive values such as trustworthiness and responsibility; commitment to a task and those involved in the task; collaboration; team-building, punctuality, and respect for the quality of work done while serving the community.

CONCRETE 1 (5737)

Open to grade 12

2 credits (Consecutive Blocks)

This is a Dual Enrollment class with the Technology Center at Hartsville

Board-approved fee may be requested.

Concrete 1 is a course that will introduce students to basic skills and knowledge related to reinforced concrete construction in residential and commercial structures. Topics covered include safe practices, drawing interpretation, composition of concrete, principles of reinforcement, form construction, load analysis, and placing, curing and testing concrete. This course gives students an introduction to the skill and knowledge base typically required for apprentice concrete artisan.

CONCRETE 2 (5738)

Open to grade 12

2 credits (Consecutive Blocks)

This is a Dual Enrollment class with the Technology Center at Hartsville

Prerequisite: Concrete 1 with a grade of at least 80 or teacher recommendation

Board-approved fee may be requested.

Concrete 2 is a course in which students will learn and practice intermediate skills related to reinforced concrete construction in residential and commercial structures. Topics covered include safe practices, advanced construction drawing interpretation and site layout, lightweight concrete, design of concrete mixes, design of reinforced concrete members. This course gives students a substantial skill and knowledge foundation typically required for apprentice concrete artisans. Upon completion of this course a student will be able to take the Concrete Certification Exam.

Some of the courses described above can be articulated at Volunteer State Community College, Nashville State Community College, Tennessee Technology Center at Hartsville, and the Tennessee Technology Center at Nashville. Students interested in attending any of these post-secondary institutions must assume the responsibility of determining whether they meet the criteria to articulate. Contact your school counselor for details. Below is a list of courses that currently articulate:

Course	School
Drafting 2 Advanced	Technology Center at Hartsville
Auto Mechanics 2 Advanced	Technology Center at Hartsville
Applied Communication	Vol State Community College
Marketing 1 and 2 *	Vol State Community College
Keyboarding and Keyboarding Application	Vol State Community College
Culinary Arts 1, 2 and 2 Advanced *	Vol State Community College
Criminal Justice (must have 3 credits)	Nashville State Community College
Drafting 2 Advanced	Nashville State Community College

* students must have credit in all classes listed