

This catalog will help you complete your four-year high school plan. Keep it in a safe place and refer to it as you choose your courses each year.

This course catalog belongs to

NAME: _____

ADDRESS: _____

PHONE: _____

TIPTON COUNTY DEPARTMENT OF PUBLIC INSTRUCTION

Dear Students and Parents:

Welcome to the Tipton County School System. We are a progressive school system with much to offer. The teachers and administrative staffs are willing and able to assist you with any problem that may arise.

We sincerely believe your years in our school system will be rewarding and beneficial.

We look forward to the opportunity to serve your family.

Sincerely,

*Dr. Tim Fite
Director of Schools*

TIPTON COUNTY SCHOOLS

REGISTRATION HANDBOOK AND COURSE CATALOG – 2009-2010

Administration

Tipton County Board of Education

Rodney Eubank	Chairman
Don Clark	Vice-Chairman
Janet Abel	Member
Susan Griffin	Member
Marty Haywood	Member
Patricia Jackson	Member
William O. Brooks	Member
Jack Strong	Member
Thomas Taylor	Member
Dr. Tim Fite	Secretary

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Rickey Fayne	Director of Operations
William E. Bibb	Director of Instruction
Daryl Walker	Director of Pupil Services
Harvey Witherington	Director of Career Technical Education
Georgia Dawson	Supervisor of Instruction, Pre-K-5
Ann Smith	Supervisor of Instruction, 6-8
Grant Shipley	Supervisor of Instruction, 9-12
Ann Burlison	Supervisor of Special Populations, Pre-K-5
Dr. Tom Barton	Supervisor of Special Populations, 6-12
Ann Smith	Media Supervisor
Marty Becton	Technology Coordinator
Jackie Walker	Adult Literacy Coordinator
Henry Glass	Nutrition Director
Don Wallace	Supervisor of Maintenance
Robert McMillin	Supervisor of Transportation

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**TIPTON COUNTY HIGH SCHOOLS
2009 - 2010**

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Tammy Kasmai
Pam Moffatt

Covington High School
803 South College
Covington, TN 38019
(901) 475-5850

Counselors:
Vickie Fayne
Russell Richardson

Munford High School
1090 McLaughlin Drive
Munford, TN 38058
(901) 837-5701

Counselors:
Joseph Laxton
Cathy Nichols
Mary Brawner
Robyn Scott

Alternative Learning Center / Teen Learning Center

800 Bert Johnston Avenue
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MISSION STATEMENT

The mission of the Tipton County Board of Education is to inspire and develop good citizens and lifelong learners through quality instruction in a safe, positive environment.

OBJECTIVES

- 100% of our students will achieve academic excellence while exceeding proficiency standards.
- 100% of our students will make a positive contribution to the community.
- 100% of our students will pursue further education for a fulfilling career.

PARAMETERS

- All of our decisions will be based upon what is best for our students.
- Everyone will be treated with dignity and respect.
- A plan for funding and training will be required for any new program or service.
- Instructional time will be protected.

BELIEFS

We believe that:

1. Learning is a life long process.
2. Education is a shared responsibility among home, school, and community.
3. Higher expectations promote higher achievement.
4. A safe, positive, creative, and enthusiastic environment encourages successful learning.
5. Effective communication develops trusting relationships.
6. Each individual is worthy of respect and is accountable for his/her own actions.
7. Each individual learns in different ways.
8. Excellence is achieved when individuals strive for their maximum potential.
9. Quality education has a positive impact on the community.

STRATEGIES

1. EDUCATIONAL IMPROVEMENT
We will ensure educational improvement.
2. GOOD CITIZENS
We will produce good citizens by improved instruction, community involvement, and personal example.
3. COMMUNITY INVOLVEMENT
We will enhance community relations through effective communication and increased involvement.
4. GROWTH
We will address issues related to growth.
5. RESOURCES
We will aggressively pursue the resources necessary to provide the school system our county residents' desire.

SCHOOL ADMISSION REQUIREMENTS

Any student entering school for the first time must present:

1. A birth certificate or officially acceptable evidence of date of birth at the time of registration
2. Evidence of a current medical examination. There shall be a complete medical examination of every student entering school for the first time. This applies to kindergarten, first grade, and other students for whom there is no health record.
3. Evidence of state-required immunization
4. Social Security Number
5. Two proofs of residence
 - a. Property tax records which indicate the location of the homestead;
 - b. Mortgage documents or property deed
 - c. Apartment or home lease;
 - d. Current utility bills showing residence addresses;
 - e. Automobile registration;
 - f. Voter precinct identification
6. Proof of custody, if necessary
7. Copy of last report card and/or transcript

The name used on the records of a student entering school must be the same as that shown on the birth certificate unless evidence is presented that such name has been legally changed through a court as prescribed by law.

DEVELOPING YOUR HIGH SCHOOL PLAN

As students prepare to enter the ninth grade, parents and school counselors/faculty advisors assist them as they develop four-year plans of purposeful and focused study. All students will be under the Tennessee Diploma Project graduation requirements.

All students must complete a capstone experience as a graduation requirement. The Capstone Project may be an experience such as, but not limited to

- Senior project
- Virtual enterprise
- Internship
- Externship
- Work-based learning
- Service learning (minimum of 40 hours)
- Community service (minimum of 40 hours)

All students must complete a challenging CORE CURRICULUM that emphasizes critical thinking and problem solving skills and depth of study rather than breadth. The curriculum emphasizes learning as a lifelong skill. High levels of achievement and performance are required in all courses.

Common to all programs of study are sixteen (16) required courses of CORE CURRICULUM. All students must complete the following requirements.

English	4 credits
Mathematics (Students must take a math class each year.)	4 credits
Science	3 credits
Social Studies	3 credits
P.E. and Wellness	1 ½ credits
Personal Finance	½ credit
TOTAL	16 credits

All students must complete a minimum of twenty-four (24) credits to graduate.

REQUIREMENTS

1. English 1, English 2, English 3, English 4
2. The four math courses must include Algebra 1, Geometry, Algebra 2, **and** one additional upper level mathematics course as determined by readiness level.
3. The three science courses must include biology, chemistry or physics, and at least one additional lab science.
4. The social studies courses must include US History, US Government (1/2 credit), economics (1/2 credit), and either world history **or** world geography.
5. Wellness combines physical education and health for a total of one credit, **and** an additional one-half physical activity credit.
6. Personal Finance

DETAILED REQUIREMENTS

English	4 credits
- English 1	1 credit
- English 2	1 credit
- English 3	1 credit
- English 4	1 credit
-- AP English Literature and Composition	
-- English 4 Dual Enrollment	

Mathematics (Students must take a math class each year.)	4 credits
- Algebra 1	1 credit
- Geometry	1 credit
- Algebra 2	1 credit
- Upper Level Math	1 credit
-- Bridge Math – Students who have not earned a 19 on the mathematics component of the ACT by the beginning of the senior year.	
-- Capstone Math	
-- Adv. Algebra or Trigonometry	
-- STEM Math (Pre-Calculus, Calculus, or Statistics)	

Science		3 credits
- Biology 1	1 credit	
- Chemistry or Physics	1 credit	
- Another Lab Science	1 credit	

Social Studies		3 credits
- World History or World Geography	1 credit	
- U.S. History	1 credit	
-- AP US History		
-- US History Dual Enrollment		
- Economics	½ credit	
- U.S. Government	½ credit	
-- AP U.S. Government		

P.E. and Wellness		1½ credits
- Wellness	1 credit	
- Physical Education	½ credit	
-- The physical education requirement may be met by substituting an equivalent time of physical activity in other areas including but not limited to marching band, JROTC, cheerleading, interscholastic athletics, and school sponsored intramural athletics.		

Personal Finance		½ credit
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Fine Art, Foreign Language, and Elective Focus		6 credits
- Fine Art	1 credit	
- Foreign Language	2 credits (Same language)	
- Elective Focus	3 credits	
-- Students completing a CTE elective focus must complete three units in the same CTE program area or state approved program of study.		
-- science and math, humanities, fine arts, or AP/IB		
-- other area approved by local Board of Education		

*The Fine Art and Foreign Language requirements may be waived for students who are sure they are not going to attend a University and be replaced with courses designed to enhance and expand the elective focus.

Additional Elective		2 credits
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TOTAL		24 credits
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All students must complete a minimum of twenty-four (24) credits to graduate.

<p>THE AVAILABILITY OF COURSES OFFERED MAY BE AFFECTED BY STAFFING AND STATE REQUIREMENTS.</p>

CHOOSING A PLAN OF STUDY

A plan of study is developed for each student based on the following criteria:

1. interests shown from an interest inventory and aptitude battery administered in the middle school.
2. abilities exhibited in classes taken during previous years and demonstrated on achievement tests.
3. graduation requirements for the different paths.
4. education and career goals.

Goals and plans must be as realistic as possible given the information available to eighth graders and their parents. Counselors/faculty advisors interpret test scores and review grades/report cards with students and parents. The four-year plans will be reviewed annually with counselors/faculty advisors to evaluate students' changing interests and career goals.

Each student chooses his/her course of study and registers for classes in the spring of the school year. Any changes must be made in writing before the end of the school year.

When registering for classes, all students must choose at least three alternate selections.

The alternate selections may be assigned if:

1. a course selected is not offered.
2. the student fails a required course and it must be rescheduled.
3. the student fails to meet the prerequisites for the chosen course.
4. there is a conflict in courses chosen, e.g., two classes offered only at the same time.
5. all sections are full.

The school administrators make every effort to schedule students in the classes they request. If that is impossible, students are assigned in one or more of their alternate choices. If it is impossible to schedule students in their alternate choices, an effort is made to contact students/parents for additional information.

Block scheduling, offered at all Tipton County high schools, is not about time; it is about learning. Time becomes a resource, not a constraint. It allows more time in class for activities, labs, field trips, field experiences, and guest speakers. The block schedule encourages the use of different teaching strategies. All students benefit from this schedule because it teaches to a greater variety of learning styles.

TYPES OF DIPLOMA/CERTIFICATE OFFERED BY TIPTON COUNTY HIGH SCHOOLS

The following diplomas are offered in accordance with Tennessee State Rules, Regulations, and Minimum Standards. All GPA's for graduation are calculated after seven (7) semesters in high school. All graduation requirements must be completed in order for a student to participate in graduation exercises.

1. The **REGULAR DIPLOMA** is awarded to students who have completed all graduation requirements. Students must have satisfactory records of conduct and attendance and have completed a minimum of 24 credits.

HONORS RECOGNITION is awarded to students who score at or above all the subject area readiness benchmarks on the ACT or equivalent score on the SAT. Students must have satisfactory records of conduct and attendance and have completed a minimum of 24 credits.

DISTINCTION RECOGNITION is awarded to students who meet all requirements for Honors Recognition **and** who attain a “B” average and complete at least one of the following:

- earn a nationally recognized industry certification
- participate in at least one of the Governor’s Schools
- participate in one of the state’s All-State musical organizations
- be selected as a National Merit Finalist or Semi-Finalist
- attain a score of 31 or higher composite score on the ACT
- attain a score of 3 or higher on at least two advanced placement exams
- earn 12 or more semester hours of transcribed post-secondary credit

2. The **INDIVIDUALIZED EDUCATION PROGRAM CERTIFICATE** is awarded to students who have (1) satisfactorily completed an Individualized Education Program (IEP), (2) successfully completed a portfolio, and (3) have satisfactory records of attendance and conduct.

Any student, who receives an **INDIVIDUALIZED EDUCATION PROGRAM**, may work towards the high school diploma through the end of the school year in which he/she turns twenty-two-years old.

TESTING

To raise the academic bar for all high school students and to add accountability for students' academic performance, Tennessee adopted the Tennessee Diploma Project for end-of-course tests in key subjects. Although subject to change, the current end-of-course testing subjects are English 1, English 2, Algebra 1, Geometry, Algebra 2, US History, Biology 1, Chemistry 1, and Physics. The results of these examinations will be factored into the student's grade at a percentage determined by the State Board of Education. The weight of the end-of-course examination on the student's course average is as follows for entering 9th graders: fall of 2009-2010 – 20%; fall 2011-2012 and thereafter – 25%.

Students are required to take the PLAN Test in the 10th grade.

Students are required to take the English 3 Writing Assessment **and** the ACT Test in the 11th grade.

TIPTON COUNTY BOARD OF EDUCATION PLAN AND ACT GUIDELINES

As a strategy for assessing student readiness to enter and succeed in postsecondary training, every high school student shall take the PLAN (ACT's college readiness test) during the 10th grade and the ACT during the 11th grade. These assessments shall provide educators with diagnostic information to assist in developing interventions for the purpose of increasing high school graduation rates and improving student preparation for postsecondary achievement.

HONORS CLASSES

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

DUAL ENROLLMENT

Dual enrollment is the enrollment of a high school student in one or more specified college courses for which the student is awarded both high school and college credit. Joint enrollment is the enrollment of a high school student in one or more college courses for college credit only.

The availability of courses offered at each high school may vary and may be affected by staffing and state requirements.

e4TN

Tipton County is one of eight school districts participating in the e4TN learning initiative in Tennessee. The purpose of the e4TN project is to provide and support the development and utilization of challenging and engaging TN owned and disseminated elementary and secondary academic content through on-line curriculum aligned and correlated to Tennessee and national standards. As course content is developed, the counties participating in the program offer the courses to their students. Currently, the project is focused on high school curriculum. Students should check with a guidance counselor on courses which are currently available and seek principal's approval before enrollment. Students interested in online courses should be self-directed, motivated learners who are comfortable with technology. Any student who enrolls in an e4TN course must adhere to e4Tn policies. Students who choose to withdraw after the specified time period are subject to financial and academic penalties.

COLLABORATIVE AGREEMENTS

In cooperation with the Tennessee Technology Center at Covington, the following courses are offered to Tipton County High School students who meet enrollment criteria. Attendance guidelines for Tipton County Schools remain in effect for students who participate in this program.

- Heating, Ventilation, Air Conditioning/Refrigeration
- Machine Tool Technology
- Automobile Technology
- Industrial Maintenance
- Welding

See school counselors for additional information.

Dyersburg State Community College has a cooperative agreement with Tipton County Schools. See school counselors for additional information.

POST-SECONDARY ENTRANCE EXAMS

Students who take the ACT or SAT as a college entrance exam should be aware of the recommended curriculum that will contribute to success on the exam.

The following curriculum is recommended

- four or more years of English
- four or more years of math to include Algebra 1, geometry, and Algebra 2. Students who take a fourth year of advanced math have demonstrated higher scores on ACT and greater success in college.
- three or more years of natural science - at least one from biology, and either chemistry or physics
- three or more years of social sciences

Not measured on the ACT or SAT, but important for success in college:

- two or more years of foreign language
- at least one course in computer science

TENNESSEE SCHOLARS

The Tennessee Scholars initiative is a business-led, rewards and incentives campaign that encourages students to take a more rigorous and challenging course of study in high school. The Tennessee Scholars curriculum provides an education that better prepares students to enter a university, community college, technical or vocational school, the military or the workforce. A partnership between school districts, local Chambers of Commerce and the business community, the Tennessee Scholars initiative is endorsed by the Tennessee Department of Education, Tennessee Chamber of Commerce & Industry, Tennessee Business Roundtable, and many other education coalitions around the state. For more information and requirements, see the school counselor or visit this website: www.tennesseescholars.org

TENNESSEE EDUCATION LOTTERY SCHOLARSHIP

There are five scholarships or awards within the Tennessee Education Lottery Scholarship Program. They are

- Tennessee HOPE Scholarship
- General Assembly Merit Scholarship
- Aspire Award (Needs based)
- Tennessee HOPE Access Grant
- Wilder-Naifeh Technical Skills Grant

A final eight-semester transcript will be sent to colleges and universities for final admission decisions.

For additional information please see the school counselor and contact the Tennessee Student Assistance Corporation at 1-800-342-1663 or www.CollegePaysTN.com
Another valuable website for online financial aid information is www.fafsa.ed.gov

CLASS RANK

Semester averages are recorded on the students' transcripts as numerical grades. When calculating the students' GPAs for ranking purposes, these numerical grades are translated into quality points using a four (4.0) scale. Weighted grades of transfer students are recalculated on a non-weighted 4.0 grade scale. In calculating the official rank in class, which is computed at the end of the seventh semester in high school, the policy below will be followed.

1. The GPA will be computed on a semester basis or when one-half (1/2) unit of credit has been earned. This computation will include semester grades for all courses taken. The students receiving the three highest honors must have been enrolled in the Tipton County School system by the first semester of the sophomore year and must have completed five consecutive semesters in the Tipton County School System before January of the senior year.

2. The students receiving the three highest honors must have completed or be scheduled to complete the core curriculum outlined below.

College Preparatory English 1,
and College Preparatory English 2,
and College Preparatory English 3,
and College Preparatory English 4 **or**
 English 4 Dual Enrollment **or** Adv. Placement English 4 4 credits

Algebra 1,
and Geometry,
and Algebra 2,
and one upper-level math course 4 credits

Three of the following science courses: Physical Science, Biology 1, Biology 2,
 Chemistry, Physics. 3 credits

World History
and College Prep US History **or** Adv. Placement US History
or US History Dual Enrollment
and Economics (one semester)
and US Government (one semester) **or**
 Adv. Placement US Government (one semester) 3 credits

Personal Finance ½ credit

PE / Wellness 1½ credit

TOTAL 16 credits

3. The student having the highest GPA after seven (7) semesters is designated the Valedictorian and assigned a rank of #1. The student with the second highest GPA is designated the Salutatorian and assigned a rank of #2. The student with the third highest GPA is named Historian and assigned a rank of #3. In the event of a tie, ACT scores are used to determine rank. If a tie still exists, the second tie-breaker is the numerical average of the above courses. In the areas of math and science, the first three courses taken are factored into the tie-breaker GPA. Should a tie still exist, co-honor positions are named.
4. The next highest rankings for other students begin with the next highest ranking number.

STUDENT GRADE DESIGNATION

Grade placement in high school is determined at the beginning of the school year and is based on the number of credits earned to that point. The student remains in that grade for the entire year. The following scale is used to determine the student's grade.

Grade 9	fewer than 5 credits
Grade 10	at least 5 and fewer than 11 credits
Grade 11	at least 11 and fewer than 16 credits*
Grade 12	at least 16 credits

NOTE: A minimum of 24 credits must be earned to meet graduation requirements.

* Any student who has completed three years of high school and has earned sixteen (16) credits at the end of the third school year will be assigned to a senior homeroom.

GRADING SYSTEM

LETTER GRADE	NUMERICAL RANGE	QUALITY POINTS
A	93 - 100	4
B	85 - 92	3
C	75 - 84	2
D	70 - 74	1
F	BELOW 70	0

Student grades are reported each nine week grading period.

ISSUANCE OF CREDIT

A student must earn a grade of 70 or better to earn credit in a course. The first and second semester grades are averaged to determine if a student earns one credit for a year-long course. If the yearly average is 70 or better, then the student earns one credit. No half credits are given in year-long courses. If a student fails one semester and passes the other but the average of the two is below 70 and the course is offered in a public school system, in a recovery program, or during the summer, then the student may take only the semester he/she did not pass. If the student passes the summer school session, he/she then receives the appropriate credit for the course. If the student chooses not to go to a summer school and the course is required for graduation, then the student must repeat the entire course during the school year in order to receive credit, or comply with credit recovery procedures that are currently in place.

A student may not earn credit in the same course twice. A student may not repeat a course in which he/she has received credit in order to improve and/or remove the original grade.

CREDIT RECOVERY

Credit Recovery is designed for students in grades 9-12 who lack sufficient credits to advance to the next level. Priority for enrollment is based on the highest grade level (i.e. seniors, juniors, sophomores, freshmen).

An application must be completed, submitted, and approved to enroll in Credit Recovery. Applications may be obtained from high school counselors or administrators and must be completed to enroll in Credit Recovery. School administration makes the final decision for eligibility and participation in the program.

MINIMUM COURSE LOAD

ALL STUDENTS MUST BE ENROLLED IN A MINIMUM OF SIX (6) CREDIT EARNING COURSES EACH SEMESTER/YEAR FOR A MINIMUM OF FOUR (4) YEARS (EIGHT SEMESTERS). A STUDENT MAY NOT GRADUATE IN FEWER THAN FOUR (4) YEARS.

Students may schedule six to eight courses each semester/year. Students may choose a study hall/directed study each semester/year. No credit is earned for study hall/directed study. Fifth year seniors may schedule only the courses needed to meet graduation requirements and may leave the campus after their last class each day.

REPORTING GRADES AND PROGRESS TO PARENTS AND STUDENTS

Computer printed report cards are issued at the end of each nine weeks grading period. Report cards are distributed each quarter. Parent-teacher conferences are scheduled each semester. Parents are encouraged to take these opportunities to meet with teachers and discuss their student's progress in school. In addition, parents may request conferences with teachers at any time throughout the year. Interim reports are issued at least once per nine week grading period.

Tipton County Schools offer K12Planet, located at <http://www.k12planet.com>. Parents of Tipton County students have the ability to view their students' school information including attendance, report cards, progress reports, and assignment grades. In order to use K12Planet, parents will access a secure website on the Internet and login with a unique and secure username and password.

SCHOOL COUNSELING SERVICES

School counseling services are available for all students. Counselors help students develop study skills, will administer and interpret standardized tests, and assist students with their educational, occupational, and career planning. Counselors are trained to help students with problems that may occur in the home, with peers, or with teachers.

Students are encouraged to make appointments with their counselors during directed study, activity period, lunch, or before or after school. Students should not leave class to visit the counselors' offices unless there is an emergency; then the student should have a note from the classroom teacher.

**COURSES OFFERED 2009-2010 with
MAXIMUM CREDITS ELIGIBLE TO MEET GRADUATION REQUIREMENTS**

Language Arts

ACT Preparatory - ½ to 1	English 3 College Preparatory - 1
African-American Literature (CHS/MHS only) - ½	English 4 - 1
Content Area Reading/English Labs (no language arts credit; elective credit only) -½ or 1	English 4 Advanced Placement - 1
Creative Writing - ½ or 1	English 4 College Preparatory - 1
English 1 - 1	English 4 Dual Enrollment - 1
English 1 College Preparatory - 1	English Lab - 1
English 2 - 1	Etymology (BHS/MHS only) - ½
English 2 College Preparatory - 1	Journalism – Newspaper - 1
English 3 - 1	Journalism – Yearbook - 1
	Speech / Broadcasting - 1
	Study Skills – ½ or 1
	Study Skills College Preparatory – ½

*NOTE: Remedial English is offered at each grade level, 9-12, for students based upon Individualized Educational Plan (IEP) team decisions.

Foreign Language

French 1 - 1	Spanish 2 - 1
French 2 - 1	Spanish 3 - 1
French 3 – 1	Spanish 3 Honors (MHS only) - 1
Spanish 1 - 1	Spanish 4 Honors (MHS only) - 1

Mathematics

Advanced Math (Advanced Algebra and Trigonometry) - 1	Capstone Math - 1
Algebra 1 - 1	Content Area Reading/Math Labs (no mathematics credit; elective credit only) - ½ or 1
Algebra 1 College Preparatory - 1	Foundations Math - 1
Algebra 2 - 1	Geometry - 1
Bridge Math - 1	Pre-calculus – 1
Calculus Advanced Placement – 1	Pre-calculus Dual Enrollment - 1
Calculus Dual Enrollment - 1	

*NOTE: Remedial math is offered based upon Individualized Educational Plan (IEP) team decisions.

Science

Agriscience - 1	Chemistry College Preparatory - 1
Biology 1 – 1	Content Area Reading/Science Labs (no science credit; elective credit only) - ½ or 1
Biology 1 College Preparatory - 1	Ecology - 1
Biology 2 - 1	Physical Science - 1
Chemistry - 1	Physics - 1
Chemistry 2 – 1	

NOTE: THE AVAILABILITY OF COURSES OFFERED AT EACH HIGH SCHOOL MAY VARY AND MAY BE AFFECTED BY STAFFING AND STATE REQUIREMENTS.

**COURSES OFFERED 2009-2010 MAXIMUM CREDITS ELIGIBLE TO MEET
GRADUATION REQUIREMENTS**

Social Studies

Content Area Reading/Soc Studies Labs (no social studies credit; elective credit only) - ½ or 1
Economics - ½
Psychology - ½
Sociology - ½
US Government - ½

US Government AP (BHS only) - 1
US History - 1
US History College Preparatory - 1
US History Dual Enrollment - 1
World Geography - 1
World History - 1

Fine Arts

Band - 4
Chorus - 4
Flag Corps - ½
General Music - ½
Theater Arts 1 - 1

Theater Arts 2 - 1
Theater Arts 3 - 1
Theater Arts 4 - 1
Theory and Harmony - ½
Visual Arts - ½

Wellness Education

Wellness (PE and Health)* - 1

* The wellness course is one credit **required** for all students. Neither athletic participation nor band may substitute for this requirement.

Athletics/PE

PE/Weight Training & Conditioning 1 – ½ or 1
PE/Weight Training & Conditioning 2 – ½ or 1
PE/Weight Training & Conditioning 3 – ½ or 1
PE/Weight Training & Conditioning 4 – ½ or 1
Co-Ed Weight Training – ½ or 1

*NOTE: Courses involving athletic training may be taken as electives each year. A maximum of four (4) credits in those courses count toward the required 24 credits for graduation.

Career Technical Education Courses

Agricultural Education

Advanced Principles of Agriculture - 1
Ag: Mechanics and Maintenance - 1
Ag: Power and Equipment - 1
Agricultural Business / Finance (Dual Enrollment) - ½
Agricultural Sales & Marketing (BHS/MHS only) – ½
Agriscience – 1
Floral Design - ½
Forestry Management - ½
Greenhouse Management – ½

Horse Science Dual Enrollment (This course does not fulfill a science requirement.)– ½
Landscaping and Turfgrass Science - ½
Leadership and Communication - ½
Livestock Management – ½
Plant and Soil Science (Dual Enrollment) - ½
Principles of Agricultural Sciences - 1
Principles of Horticulture Sciences – 1
Small Animal Care – ½
Veterinary Science (Dual Enrollment) - ½
Wildlife Management – ½

NOTE: THE AVAILABILITY OF COURSES OFFERED AT EACH HIGH SCHOOL MAY VARY AND MAY BE AFFECTED BY STAFFING AND STATE REQUIREMENTS.

**COURSES OFFERED 2009-2010 MAXIMUM CREDITS ELIGIBLE TO MEET
GRADUATION REQUIREMENTS**

Arts & Communication

Graphic Communications - 1 or 2
Graphic Design and Digital Imaging – 1 or 2
Visual Communications - 1

Business/Information Technology Careers

Accounting I - 1	eBusiness Communication - ½
Accounting II - 1	Financial Planning Dual Enrollment- ½
Business Management – ½	Keyboarding - ½
Career Connections - ½	Keyboarding/Document Layout & Design - ½
Computer Applications- ½ or 1	Personal Computing - ½
Database Design/Management - ½	Spreadsheet Applications - ½
Desktop Publishing - ½	

Marketing Education

Advertising and Public Relations – 1	Personal Finance – ½
Marketing & Management 1 - 1	Travel and Tourism (BHS only) - 1
Marketing & Management 2 - 1	Vocational Cooperative Work (CHS only) - 2

Family & Consumer Science

Child & Lifespan Development - ½	Interior Design - ½
Family & Parenting Education - ½	Life Connections – 1
Family and Consumer Sciences - 1	Nutrition and Foods - ½
Fashion Design & Merchandising - ½	Teaching as a Profession – ½
Housing - ½	Textiles and Apparel - ½

Health Science Education

Anatomy and Physiology - 1	Forensic Science - 1
Biomedical Applications – 1	Health Science Education - 1
Clinical Internship - 1	Medical Therapeutics - 1
Diagnostic Medicine - 1	Rehabilitative Therapies - 1
Emergency Medical Services - 1	

Trade & Industrial/Technology Education

Career Management Success - ½ or 1	Principles of Manufacturing - 1
Computer Aided Drafting – 1	Principles of Machining & Manufacturing - 1
Computer Aided Drafting Advanced - 1	Principles of Engineering (BHS only) - 1

NOTE: THE AVAILABILITY OF COURSES OFFERED AT EACH HIGH SCHOOL MAY VARY AND MAY BE AFFECTED BY STAFFING AND STATE REQUIREMENTS.

COURSES LISTED ACCORDING TO GRADE LEVEL FIRST OFFERED

1. Students may not choose courses offered for any grade higher than their own.
2. Some courses are offered for all grade levels. Students may choose from courses offered in the previous grade levels, unless otherwise specified.
3. Remedial classes are available only to those students who have been identified as having special needs.

9th Grade

Agriscience
Algebra 1
Algebra 1 College Preparatory
Algebra 2
Band
Biology 1
Biology 1 College Preparatory
Career Management Success
Chorus
Co-Ed Weight Training
Computer Aided Drafting (CAD)
Computer Applications
Document Layout & Design
English 1
English 1 College Preparatory
Family and Consumer Science
Flag Corps
Foundations Math
French 1
General Music
Geometry
Health Science Education
Keyboarding
Keyboarding/Document Layout & Design
Math Labs
Personal Finance
Principles of Agriculture Sciences
Principles of Horticulture Sciences
Principles of Machining & Manufacturing
Principles of Manufacturing
Spanish 1
Study Skills
Study Skills College Preparatory
Theory and Harmony
Visual Arts
Visual Communication
Weight Training & Conditioning
Wellness
World Geography
World History

10th Grade

Accounting 1
Advanced Principles of Agriculture
Ag. Mechanics & Maintenance
Agricultural Sales & Marketing
Child & Lifespan Development
Computer Aided Drafting Advanced
Database Design Management
Desktop Publishing
Diagnostic Medicine
eBusiness Communications
Emergency Medical Services
English 2
English 2 College Preparatory
English Labs
Family & Parenting Education
Fashion Design & Merchandising
Floral Design
Forestry Management
French 2
Graphic Communications
Greenhouse Management
Horse Science
Housing
Interior Design
Landscaping & Turfgrass Management
Leadership and Communication
Livestock Management
Marketing & Management 1
Nutrition and Foods
Physical Science
Principles of Engineering
Rehabilitative Therapies
Science Labs
Small Animal Care
Social Studies Labs
Spanish 2
Spreadsheet Applications
Textiles and Apparel
Theater Arts 1
Weight Training and Conditioning 2
Wildlife Management / Recreation

11th Grade

Accounting 2
ACT Preparatory
Advanced Math
Advertising & Public Relations
African-American Literature
Agricultural Business and Finance
Agriculture Power & Equipment
Anatomy and Physiology
Biology 2
Biomedical Applications
Business Management
Chemistry
Chemistry College Preparatory
Creative Writing
Ecology
English 3
English 3 College Preparatory
Etymology
Financial Planning Dual Enrollment
Forensic Science
French 3
Graphic Designs & Digital Imaging
Journalism 1
Life Connections
Math Dual Enrollment
Physics
Plant & Soil Science Dual Enrollment
Pre-Calculus
Psychology
Retail Operations
Science Dual Enrollment
Sociology
Spanish 3
Speech/Broadcasting
Teaching as a Profession
Theater Arts 2
Theater Arts 3
Travel and Tourism
US History
US History College Preparatory
US History Dual Enrollment
Veterinary Science Dual Enrollment
Weight Training and Conditioning 3

12th Grade

Automotive Technology
Bridge Math
Calculus Advanced Placement
Capstone Math
Chemistry 2
Clinical Internship
Economics
English 4
English 4 Advanced Placement
English 4 College Preparatory
English 4 Dual Enrollment
Heating, Ventilation, Air Conditioning,
Refrigeration
Industrial Maintenance
Journalism 2
Machine Tool Technology
Marketing & Management 2
Medical Therapeutics
Spanish 4
Theater Arts 4
US Government
US Government Advanced Placement
Vocational Cooperative Work
Weight Training and Conditioning 4
Welding

PLAN YOUR WORK AND WORK YOUR PLAN: WORKING SECTION

Explore results help identify interests, abilities and career goals. A sample four-year plan worksheet is included. Use these pages as working copies and pencil in information.

Tipton County Schools

Student's Name _____
Last First M.I.

SSN _____

ENGLISH -- 4 CREDITS

9th Grade _____ 11th Grade _____
10th Grade _____ 12th Grade _____

MATH -- 4 CREDITS

9th Grade _____ 11th Grade _____
10th Grade _____ 12th Grade _____

SCIENCE -- 3 CREDITS

1st _____ 2nd _____ 3rd _____

SOCIAL STUDIES -- 3 CREDITS

World _____ U. S. _____
Economics (1/2) _____ Government (1/2) _____

WELLNESS/PHYSICAL EDUCATION -- 1 1/2 CREDITS

(Gym) _____ (Book) _____ Physical Education/Activity _____

PERSONAL FINANCE -- 1/2 CREDIT

FOCUS AREA -- 3 CREDITS

1st _____ 2nd _____ 3rd _____

FINE ARTS -- 1 CREDIT

FOREIGN LANGUAGE -- 2 CREDITS

1st _____ 2nd _____

****The Fine Art and Foreign Language requirements may be waived for students who are certain they are not going to attend a university; these courses may be replaced with courses designed to enhance and expand the elective focus.** _____

Parent Signature

TEST SCORES -- INDICATORS FOR COURSE STUDY

EXPLORE _____ PLAN _____ ACT _____
PSAT _____ SAT _____

ELECTIVES

HUMANITIES

MATH & SCIENCE

FINE ARTS

CTE FOCUS CLUSTER

OTHER ELECTIVES

I have reviewed this Program of Study with my counselor. I understand that the plan will be reviewed annually and revisions made if necessary.

Revisions & Verifications

Date: ___/___/___
Date: ___/___/___
Date: ___/___/___
Date: ___/___/___

Focus: _____
Focus: _____
Focus: _____
Focus: _____

Parent Contacted

NOTE: THE AVAILABILITY OF COURSES OFFERED MAY BE AFFECTED BY STAFFING AND STATE REQUIREMENTS.

Special education: Any student in grades 9-12 who has a certified/verified disability receives special education services based on IEP team decisions.

COURSE DESCRIPTIONS

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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LANGUAGE ARTS

<u>ACT Preparatory</u>	1 or 2	½ - 1	None	11-12
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ACT Prep provides students with a variety of test-taking strategies, test-taking vocabulary, speed reading, and preparation for each area of the ACT. Students gain preparation skills for the ACT tests. Students take released ACT practice tests and evaluate their performance. **Strongly recommended for anyone planning to take the ACT; required at some schools.**

<u>African-American Literature (CHS/MHS only)</u>	1	½	None	11-12
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African-American Literature is designed to acquaint students with important cultural and historical themes advanced by significant African-American authors. The course focuses on analyzing and interpreting representative pieces of prose and poetry. A primary goal of the course is to foster understanding and to facilitate the development of tolerance and appreciation for the rich cultural heritage of African-Americans. This course is an elective course and will not count as one of the four courses in English required for graduation.

<u>Content Area Reading /English Lab</u>	1 or 2	½ or 1	English 1	9-12
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In this course, students learn, practice, and internalize strategies that are essential life-long learning skills for reading, writing, understanding, and interpreting content specific materials. Schools offer this class to accompany courses based on previous achievement. Availability of the course is determined by staffing at each school. **Credit in this course will not be counted as one of the English credits required for high school graduation, but it will count as an elective.**

<u>Creative Writing</u>	1	½ or 1	None	11-12
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This course provides students with the opportunity to develop a creative outlet through writing experiences. Creative Writing allows students to expand self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format. This course is an elective course and will not count as one of the four English courses required for graduation.

<u>English 1</u>	2	1	None	9
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This course gives students a review of the fundamental skills, stressing the effectiveness of these skills in oral and written communication. Emphasis is placed on the development of basic reading skills and a better understanding of different types of literature. The ability to read and analyze with understanding and comprehension is emphasized. This course also provides an introduction to the short story, poetry, drama, and novel. **This course includes an End-of-Course test.**
* 9th grade students are placed in English courses based on 8th grade TCAP and EXPLORE results.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>English 1 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>TCAP Total Lang: 80 percentile or higher</u>	<u>9</u>
<p>In this course, students examine and analyze poetry, short stories, drama, and novels. Composition writing is emphasized and outside reading is required. This course includes an End-of-Course test.</p> <p>* 9th grade students are placed in English courses based on 8th grade TCAP and EXPLORE results.</p>				
<u>English 2</u>	<u>2</u>	<u>1</u>	<u>English 1</u>	<u>10</u>
<p>This course provides students with an initial program of grammar review and comprehensive reading skills. Efficient writing and vocabulary development are introduced. The study and identification of essential characteristics of short stories, poetry, drama, and the novel are also emphasized. This course includes an End-of-Course test.</p>				
<u>English 2 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English 1</u>	<u>10</u>
<p>This course provides instruction in grammar, vocabulary, and oral and written communication skills. It is comprised of a composition program that integrates literature and writing research skills. In the literature study that blends the classics with the contemporary, students examine and analyze short stories, poetry, drama, and the novel. This course includes an End-of-Course test.</p>				
<u>English 3</u>	<u>2</u>	<u>1</u>	<u>English 1 & 2</u>	<u>11</u>
<p>This course includes a general overview of American literature. Students review grammar and usage with an emphasis on vocabulary development and writing skills. Students prepare for the TCAP Writing Assessment, which emphasizes persuasive writing techniques.</p>				
<u>English 3 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English 1 & 2</u>	<u>11</u>
<p>This course presents a chronological survey of American literature and requires outside reading and study of novels by American writers. Vocabulary development, oral reports, and critical thinking are stressed. Students also prepare for the TCAP Writing Assessment.</p>				
<u>English 4</u>	<u>2</u>	<u>1</u>	<u>English 1,2,3</u>	<u>12</u>
<p>This course emphasizes mastery of basic grammar and composition skills. Exercises are also used to help students improve their reading comprehension skills. Literature study includes short stories, drama, poetry, and the novel.</p>				
<u>English 4 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English 1,2,3</u>	<u>12</u>
<p>This course is a chronological survey of British literature. It provides a review of grammar as well as vocabulary study. To improve their composition skills, students write several essays and a research paper.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>English 4 Advanced Placement</u>	<u>2</u>	<u>1</u>	<u>CP Eng. 1,2,3 and req. listed below</u>	<u>12</u>
<p>Advanced Placement English 4 is a college level course offered to seniors in high school. It includes a curriculum with a major emphasis on a chronological study of British literature, supplemented with a study of various themes as presented in different genres of world literature. This course requires students to analyze literature in depth as a preparation for the AP exam. The course also requires a demanding schedule of independent reading and study. The AP exam is prepared and graded by the College Board, and a grade of 3 on a 5 point scale is required. A passing grade in the class does not guarantee a passing grade on the AP exam. A fee for the test is required. While the AP test results are accepted at most colleges, the student is responsible for determining acceptance at the college of choice. NOTE: Students are responsible for purchasing outside reading materials and for paying the fee for the AP exam.</p> <p>Registration/prerequisite requirements for AP English 4:</p> <ol style="list-style-type: none"> 1. Complete application by assigned deadline. 2. Positive recommendations from college-prep instructor & principal/principal's designee. 3. Parent and student attendance at an orientation meeting with the AP instructor. 4. Parent and student signatures on a performance contract. 				
<u>English 4 Dual Enrollment</u>	<u>2</u>	<u>1</u>	<u>3.0 GPA or above</u>	<u>12</u>
<p>See school counselors or administration.</p>				
<u>Etymology (BHS/MHS only)</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>11-12</u>
<p>Etymology is the study of derivation of words. Students study the history of words, break them down into basic elements, and trace them to the earliest known forms in order to build vocabulary. This course is an elective course and will not count as one of the four English courses required for graduation.</p>				
<u>Journalism/ Newspaper</u>	<u>2</u>	<u>1</u>	<u>Teacher interview</u>	<u>11-12</u>
<p>Students produce the school newspaper and are responsible for using the basic principles of journalism which include news, sports, editorial, feature writing, and advertising. An application form which includes a writing sample must be completed by any student desiring to schedule this class. An interview with the teacher is required.</p>				
<u>Journalism/Yearbook</u>	<u>2</u>	<u>1</u>	<u>Teacher interview</u>	<u>11-12</u>
<p>This elective provides an introduction to the basic types of mass communication. Students make an analysis of the history and functions of the mass media and compile notebooks containing professional and personal examples of the elements of print journalism. Students also learn practical application of the fundamentals of feature writing, advertising, photography, and page design through the production of the school yearbook. An application form which includes a writing sample must be completed by any student desiring to schedule this class. An interview with the teacher is required.</p>				
<u>Speech/Broadcasting</u>	<u>2</u>	<u>1</u>	<u>*See Below</u>	<u>11-12</u>
<p>This one-year course provides students with advanced concepts in film and video techniques as well as beginning practical explorations in television production settings. Production work with daily and weekly programs is the emphasis of this class. This course requires after school hours and is performance-oriented.</p> <p>* Theater Arts 1 is a prerequisite and a teacher interview is required along with an application including teacher recommendations.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Study Skills</u>	1 - 2	Minimum ½	None	9
In this course, students learn skills that will assist in mastering language, math, and science. Reading is the major emphasis.				
<u>Study Skills-College Preparatory</u>	1 - 2	Minimum ½	None	9
In this course, students learn skills that will assist in mastering language, math, and science. Reading is the major emphasis.				

FINE ARTS

<u>Band</u>	2	1	Audition	9-12
The marching band performs at football games and parades. Extra hours after school during marching season and two weeks of summer preparation are REQUIRED . The concert band meets regularly during school hours. This group performs in concerts, in solo and ensemble contests, at festivals, and at graduation. Individuals and groups perform during the school year at various school and community functions. Band members may audition for special honor groups such as All-West Tennessee, All-State Band, and UT Martin Honor Band. Members are selected by audition and must have the approval of the instructor.				

<u>Chorus</u>	2	1	Audition	9-12
Chorus provides an opportunity for students to learn and perform the works of fine choral composers, to develop music reading abilities, and to study choral music representing many different styles and types. There are opportunities for performances, contest participation, and tryouts for All-West Tennessee and All-State Choruses. Members are selected by audition and must have the approval of the instructor.				

<u>Flag Corps</u>	1	½	Audition	9-12
The Flag Corps performs at football games and parades. Extra hours after school during marching season and two weeks of summer preparation are REQUIRED . Students learn guard equipment and fundamental techniques on musical instruments. Members are selected by audition and must have the approval of the instructor.				

<u>General Music</u>	1	½	None	9-12
General music involves the study of the elements of music, melody, harmony, rhythm, form, tempo, timbre, dynamics and interpretation, composers, and directed listening. Each element is examined through a historical approach. The course also includes the study of instruments of band and orchestra, styles of music, and music notation.				

<u>Theater Arts 1 (Forensics)</u>	2	1	None	10-12
This one-year course introduces students to basic public speaking techniques, discussion, semantics, oral interpretation, acting, mime, and parliamentary procedure. Both formal and casual speech-making assignments with emphasis on performance are part of the course.				

<u>Theater Arts 2 (Drama)</u>	2	1	None	11-12
This course covers theater history and offers students a broad-based view of history, production, technical evaluation, and comparative media. As part of the course of study, students may be required to critique live theatrical performances. The course examines practical and theoretical approaches to performance including improvisational acting, acting styles, and acting scenes. It is designed for performance-oriented students. Priority is given to seniors.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Theater Arts 3 (Broadcasting)</u>	2	1	*see below	11-12
This one-year course provides students with advanced concepts in film and video techniques as well as beginning practical explorations in television production settings. Production work with daily and weekly programs is the emphasis. This course requires after school hours and is performance-oriented. *Theater Arts 1 is a prerequisite and a teacher interview is required along with an application including teacher recommendations.				
<u>Theater Arts 4 (Broadcasting)</u>	2	1	*see below	11-12
This course is an advanced broadcasting course.				
<u>Theory and Harmony (BHS/CHS only)</u>	1	½	None	9-12
This course concentrates on the basic fundamentals and materials of music. Emphasis is placed upon basic music notation, scales, basic keyboard skills, and conducting.				
<u>Visual Arts</u>	1	½	None	9-12
Students examine the contributions in art and architecture made by various cultures throughout history. Students learn the fundamental uses of elements and principles of art and will be required to complete art projects. An art fee is required.				

FOREIGN LANGUAGE

<u>French 1</u>	2	1	English 1	9-11
This course is a beginning study of the French language as both an oral and written language with emphasis on basic grammar, pronunciation, vocabulary, and culture. The vocabulary learned in the course stresses commonplace activities (school, home, family, food, clothing, etc.) of students. Students must be prepared to study daily. * 9th grade students who are enrolled in English 1 - CP and have scored in the 90% Total Language 8th grade TCAP or have obtained an A or B in Algebra I in the 8th grade may enroll in a foreign language.				
<u>French 2</u>	2	1	French 1	10-12
This course is a continuation of French 1 with emphasis on grammar, vocabulary, advanced reading comprehension, oral and written skills, and French culture.				
<u>French 3</u>	2	1	French 1 & 2	11-12
This course is an in-depth study of the French language, with an emphasis on verb tenses, advanced grammar, and oral and written communication skills. Students will also strengthen reading skills and cultural awareness, and build a strong linguistic base.				
<u>Spanish 1</u>	2	1	English 1 *	9-11
This course introduces students to the basic elements of the Spanish language and culture. This course forms the foundation of oral and written skills, and utilizes a vocabulary that is pertinent to students. Students must be prepared to study on a daily basis. * 9th grade students who are enrolled in English 1 - CP and have scored in the 90% Total Language 8th grade TCAP or have obtained an A or B in Algebra I in the 8th grade may enroll in a foreign language.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Spanish 2</u>	<u>2</u>	<u>1</u>	<u>Spanish 1</u>	<u>10-12</u>
This course is a continuation of Spanish 1 with emphasis on improving oral and written skills. It delves into the Hispanic culture and its contributions to the mosaic of American culture.				
<u>Spanish 2 Honors (MHS only)</u>	<u>2</u>	<u>1</u>	<u>Spanish 1</u>	<u>10</u>
This course is a continuation of Spanish 1 with emphasis on perfecting oral and written skills, and it explores the historical aspects of the culture. It provides a bridge to college courses as it expands oral proficiency and usage of most grammatical concepts. This honors course will include projects, open-ended investigations, integration of technology, and performance based tasks.				
<u>Spanish 3</u>	<u>2</u>	<u>1</u>	<u>Spanish 1 & 2</u>	<u>11-12</u>
This course is a continuation of Spanish 1 and 2 with emphasis on perfecting oral and written skills, and it explores the historical aspects of the culture. It provides a bridge to college courses as it expands oral proficiency and usage of most grammatical concepts.				
<u>Spanish 3 Honors (MHS only)</u>	<u>2</u>	<u>1</u>	<u>Spanish 1 & 2</u>	<u>11</u>
This course is a continuation of Spanish 1 and 2 with emphasis on perfecting oral and written skills, and it explores the historical aspects of the culture. It provides a bridge to college courses as it expands oral proficiency and usage of most grammatical concepts. This honors course will include projects, open-ended investigations, integration of technology, and performance based tasks.				
<u>Spanish 4 Honors (MHS only)</u>	<u>2</u>	<u>1</u>	<u>Spanish 1, 2 & 3</u>	<u>12</u>
This course is a continuation of Spanish 3 with continuing emphasis on perfecting oral and written skills, and it explores the historical aspects of the culture. It provides a bridge to college courses as it expands oral proficiency and usage of most grammatical concepts. Prerequisites: B in Spanish 3 and teacher recommendation.				

MATHEMATICS

Advanced Math

<u>(Adv Alg & Trig)</u>	<u>2</u>	<u>1</u>	<u>Alg 1, Alg 2, Geometry</u>	<u>11-12</u>
This course includes applications of trigonometry, trigonometric functions, understanding functions, applications of matrices, and sequences and series.				

<u>Algebra 1</u>	<u>2</u>	<u>1</u>	<u>Test scores</u>	<u>9-12</u>
Subject matter includes study of sets, operations with signed numbers, exponents, graphing, ratio and proportions, factoring, word problems, and solving linear and quadratic equations. This course includes an End-of-Course test.				

<u>Algebra 1 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>Teacher Rec. & Entrance Exam</u>	<u>9-12</u>
This course offers a more extensive study of traditional Algebra I subject matter which includes study of sets, operations with signed numbers, exponents, graphing, ratio and proportions, factoring, word problems and solving linear and quadratic equations. This course includes an End-of-Course test.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Algebra 2</u>	<u>2</u>	<u>1</u>	<u>Algebra 1</u>	<u>9-12</u>
Algebra 2 is a continuation of Algebra 1 with more advanced topics in each section. New topics such as complex numbers, analytic geometry, and probability and statistics are included.				
<u>Bridge Math</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>12</u>
Bridge Math is a combination of algebra and geometry to maintain the necessary math skills to be college and workforce ready. Students who have not earned a 19 on the mathematics component of the ACT by the beginning of the senior year are recommended to take this course.				
<u>Calculus Advanced Placement</u>	<u>2</u>	<u>1</u>	<u>Alg 1, Alg 2, Geometry, Pre-Cal</u>	<u>12</u>
This course is designed to provide students with foundations in both differential and integral calculus, including applications of each. The content includes analytic preparation, functions, limits, derivatives, integrals, and transcendental functions. The purpose of this course is to prepare students for careers in mathematics, science, and engineering. Students enrolled in this course are encouraged to take the AP Calculus Exam. The AP exam is prepared and graded by the College Board. A passing grade in class does not guarantee a passing grade on the AP exam. A fee for the AP exam is required. While the AP test results are accepted at most colleges, the student is responsible for determining acceptance at the college of choice. <i>NOTE: Students are responsible for paying the fee for the AP exam.</i>				
<u>Capstone Math</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>12</u>
Capstone Math is a combination of algebra and geometry to maintain the necessary math skills to be college and workforce ready. Students must have a 19 or better on the ACT Mathematics Test.				
<u>Content Area Reading / Math Lab 2</u>		<u>½ or 1</u>	<u>*See below</u>	<u>9-12</u>
Students learn, practice, and internalize strategies that are essential life-long learning skills for reading, writing, understanding, and interpreting content specific materials. Schools may offer math lab to accompany courses based on previous achievement. Availability of the course is determined by staffing at each school. Credit in this course will not count as one of the math credits required for high school graduation, but it will count as an elective. * 9th grade students are placed in math courses based on 8th grade TCAP and EXPLORE results.				
<u>Foundations Math</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
Foundations is designed to prepare students for the study of algebra. The content includes the study of polynomials, coordinate geometry, inequalities, algebraic expressions and exponents with an emphasis on real-world applications.				
<u>Geometry</u>	<u>2</u>	<u>1</u>	<u>Algebra 1</u>	<u>9-12</u>
Geometry includes the study of polygons, circles, parallel lines, congruencies, etc. It establishes and develops the ability to think logically.				
<u>Math Dual Enrollment</u>			<u>See school counselors or administration</u>	
<u>Pre-Calculus</u>	<u>2</u>	<u>1</u>	<u>Alg 1, Alg 2, Geometry</u>	<u>11-12</u>
Pre-calculus is a mathematics course with intermediate algebra as its foundation. This subject prepares students for a rigorous course in calculus. The course content includes trigonometry, advanced algebra, theory of equations, and analytic geometry.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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SCIENCE

<u>Agriscience</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9</u>
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This course reviews and strengthens comprehension of basic concepts in life, earth, and physical science topics. The course meets one of the science requirements for graduation and is offered for students considering college or technical training beyond high school. This is a life science course. While recognized by the TN Board of Regents, it is not recognized by NCAA Clearinghouse. **NOTE: This course does not fulfill a physical science requirement for graduation.**

<u>Biology 1</u>	<u>2</u>	<u>1</u>	<u>Teacher Rec. & Test Scores</u>	<u>9-11</u>
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Biology 1 is the study of all living things. This course focuses on major life processes in the five kingdoms while also stressing interaction among organisms and adaptation to their environments. Laboratory work is included. **This course includes an End-of-Course test.** This course is required for graduation.. This is a life science course.

<u>Biology 1 College Preparatory</u>	<u>2</u>	<u>1</u>	<u>Teacher Rec. & Test Scores</u>	<u>9-11</u>
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This course is a faster-paced, more in-depth study of Biology 1, which is the study of all living things. This course focuses on major life processes in the five kingdoms while also stressing interaction among organisms and adaptation to their environments. Laboratory work is included. **This course includes an End-of-Course test.** This course is required for graduation. This is a life science course.

<u>Biology 2</u>	<u>2</u>	<u>1</u>	<u>Biology 1 & Chemistry</u>	<u>11-12</u>
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Biology 2 provides students with advanced studies in the biological sciences. This course is designed to give students interested in a medical related career or biological research a broader background and to strengthen their competency in the life sciences. This course involves extensive laboratory work, major dissections, and comparative anatomy in animal phyla. This is a life science course.

Content Area Reading

<u>Science Lab</u>	<u>2</u>	<u>½ or 1</u>	<u>None</u>	<u>10-12</u>
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Students learn, practice, and internalize strategies that are essential life-long learning skills for reading, writing, understanding, and interpreting content specific materials. Schools offer this class to accompany courses based on previous achievement. **Credit in this course will not count as one of the science credits required for graduation, but it will count as an elective.**

<u>Chemistry</u>	<u>2</u>	<u>1</u>	<u>Algebra 1</u>	<u>11-12</u>
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This course includes the chemical properties of matter and the change that takes place during interactions. It includes the chemistry of matter and energy, atomic theory, and atomic structure as they apply to organic and inorganic chemistry. The student's ability to reason and understand written problems is essential. This is a physical science course.

<u>Chemistry College Preparatory</u>	<u>2</u>	<u>1</u>	<u>Algebra 1</u>	<u>11-12</u>
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This course is a faster-paced, more in-depth study of Chemistry, which includes the chemical properties of matter and the change that takes place during interactions. It includes the chemistry of matter and energy, atomic theory, and atomic structure as they apply to organic and inorganic chemistry. The student's ability to reason and understand written problems is essential. This is a physical science course.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Chemistry 2</u>	<u>2</u>	<u>1</u>	<u>Chemistry 1</u>	<u>12</u>
Chemistry 2 is a continuation of Chemistry, but it investigates in greater depth the fundamental makeup of matter, the interactions of matter, and the energy of such interactions. This is a physical science course.				
<u>Ecology</u>	<u>2</u>	<u>1</u>	<u>Biology 1</u>	<u>11-12</u>
Ecology is the study of the relations of organisms to one another and to their physical surroundings. Topics covered include cycles in nature, population dynamics, ecological succession, people and the biosphere, and pollution and environmental health. This is a life science course.				
<u>Physical Science</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>10-11</u>
Physical science is the study of matter and energy and their relationships to the environment. Emphasis is placed on the scientific method, forms and changes in matter, energy, electricity, waves, and technology. This course is recommended for those students who plan to study chemistry and/or physics.				
<u>Physics</u>	<u>2</u>	<u>1</u>	<u>Alg 1, Alg 2, Geometry</u>	<u>11-12</u>
This course is designed to explain the physical universe in terms of basic interactions that exist between matter and energy. Students apply their knowledge of mathematics to describe and analyze mechanics, heat, wave energy, and electromagnetism. This is a physical science course.				

SOCIAL STUDIES

<u>Content Area Reading History</u>	<u>2</u>	<u>½ or 1</u>	<u>None</u>	<u>10 - 12</u>
Students learn, practice, and internalize strategies that are essential life-long learning skills for reading, writing, understanding, and interpreting content specific materials. Schools offer this class to accompany courses based on previous achievement. Credit in this course will not count as one of the history credits required for high school graduation, but it will count as an elective.				
<u>Economics</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>12</u>
Economics is a course required for graduation. This course covers the basic principles of economics, and the structure, operations, and goals of the American economy with emphasis on the American free enterprise system.				
<u>Personal Finance</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>9-12</u>
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 and credit, as well as saving and investing.				
<u>Psychology</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>11-12</u>
Students study the development of the individual and the personality. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Sociology</u>	1	½	None	11-12
Students study dynamics and models of individual and group relationships. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes.				
<u>US History</u>	2	1	None	11-12
US History is the survey of United States history from 1865 to the present. The course explores the social, political, geographic and economic history of the United States and its relationship to the rest of the world; it places contemporary issues within their historical context. Major topics include the Economic Revolution, Imperialism and America's rise as a world power, the Great Depression, the New Deal, the World Wars and their aftermath, Vietnam, and the last half of the 20th century into the 21st century. Students completing this course must take an End-of-Course exam.				
<u>US History College Preparatory 2</u>		1	None	11-12
This course is designed for college bound students. It is a chronological survey of the development of the United States from 1865 to the present. A special emphasis is given to current events, political development, and social development. Essays, readings, and research papers are required. Students completing this course must take an End-of-Course exam.				
<u>US History Dual Enrollment</u>	2	1	3.0 GPA or above	11-12
US History Dual Enrollment is designed for students who want to obtain college credit in high school. To obtain credit for college, the student must maintain a "C" average. The course is a chronological, topical, and thematic survey of American history from early colonial settlement to the George W. Bush administration. Emphasis is placed on the analysis and synthesis of the major themes and interpretations of American history. Students are expected to master and interpret college lecture notes, a college textbook, and outside readings. Students completing this course are required to take the State of Tennessee's end-of-course exam. To enroll, see school counselors or administration.				
<u>US Government</u>	1	½	None	12
US Government is a course required for graduation. In this course, special emphasis is given to a study of the US Constitution. This course also emphasizes the structure and inner workings of federal government.				
<u>US Government Advanced Placement (BHS only)</u>	2	1	None	12
US Government - AP is designed for students who would like to obtain college credit in high school. It is a chronological, topical, and thematic survey of American government. Students are expected to master and interpret lecture notes, a college text, and numerous college-level readings. This class prepares students for the AP test that is prepared and graded by the College Board. A passing grade in the class does not guarantee a passing grade on the AP exam. A fee for the AP test is required. While the AP test results are accepted at most colleges, the student is responsible for determining its acceptability at the college of choice. US government is a course required for graduation. Special emphasis is given to a study of the US Constitution. This course also emphasizes the structure and inner workings of the state and federal governments.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>World Geography</u>	2	1	None	9-12

This geography course concentrates on political and physical features of the world. Political groupings on each continent and major physical features are studied. Map skills and identification of the major national political states with their boundaries are emphasized.

<u>World History</u>	2	1	None	9-12
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This course covers world history chronologically from pre-history through current events.

WELLNESS EDUCATION

<u>Athletic Weight Training</u>	1-2	½ or 1	Physical exam	9-12
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This course is designed to teach advanced weight training techniques pertinent to the specific sport of involvement.

<u>Co-Ed Weight Training and Conditioning</u>	1-2	½ or 1	None	9-12
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This course is designed to teach proper weight training techniques. Students learn basic exercises and increase strength and endurance. Students also learn the relationship between heart rate and oxygen input and carbon dioxide output. Students may choose this course for up to four years as long as satisfactory progress is made.

<u>PE Weight Training and Conditioning</u>	1-2	½ or 1	Physical exam	9-12
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This course is designed to teach proper weight training techniques. Students learn basic exercises and increases strength and endurance. Students also learn the relationship between heart rate and oxygen input and carbon dioxide output. Students may choose this course for up to four years as long as satisfactory progress is made.

<u>Wellness</u>	2	½ or 1	None	9
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The wellness (health and physical education) curriculum integrates concepts which apply to decisions related to nutrition, substance abuse prevention, and a plan for maintaining personal fitness and health.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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DRIVER'S EDUCATION

<u>Driver's Education</u>		$\frac{1}{2}$	15 yrs. old or older	9-12
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This course is offered on a tuition basis, meets after school and/or on Saturdays, and is completed in the summer. The program meets state requirements with thirty hours of instruction, six hours of driving or driving simulation, and twelve hours of observation. Students are eligible to receive $\frac{1}{2}$ credit that will count as an elective course toward the required 24 credits for graduation. The grade is recorded on the student's official transcript. The course begins in early spring; the driving and observation portion begins in the summer. Registration, course beginning date, and cost will be announced.

CAREER TECHNICAL EDUCATION

These courses provide students the opportunity to participate in rigorous and relevant technological programs that lead to successful employment in a global economy. Each area of CTE has an organization which is an integral part of the curriculum. Students are strongly encouraged to join these organizations.

AGRICULTURE

<u>Advanced Principles of Agriculture</u>	2	1	None	10-11
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This course deals with harvesting, storing and marketing of major agricultural crops, livestock production, shop skills, welding, wiring, plumbing, and construction. **NOTE: This course does not fulfill a science requirement for graduation.**

<u>Agricultural Business and Finance (Dual Enrollment)</u>	1	$\frac{1}{2}$	Fund of Ag or Agriscience and 3.0 GPA	11-12
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This course addresses the economic principles necessary for a successful business. As technology and the ability to communicate improve, philosophies on marketing and production must change in order for industries to remain competitive.

<u>Agricultural Sales & Marketing</u>	1	$\frac{1}{2}$	None	10-12
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Agricultural Sales and Marketing prepares students to enter a customer service related career in agriculture. These standards assist students in developing needed skills for developing positive customer relations, meeting profitable sales goals and applying business ethics while giving students the opportunity to see how business will be conducted.

<u>Agriculture Mechanics & Maintenance</u>	2	1	Adv.Prin. Ag.	10-11
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This course includes welding, electricity, plumbing, land elevation, basic home repairs, and project construction.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Agriculture Power & Equipment</u>	2	1	Ag. Mech.& Maint.	11-12
This course includes small engine maintenance and overhaul, small farm equipment repair and construction.				
<u>Agriscience</u>	2	1	None	9
This course reviews and strengthens comprehension of basic concepts in life, earth, and physical science topics. The course meets one of the science requirements for graduation and is offered for students considering college or technical training beyond high school. This is a life science course. While recognized by the TN Board of Regents, it is not recognized by NCAA Clearinghouse. NOTE: This course does not fulfill a physical science requirement for graduation.				
<u>Floral Design</u>	1	½	None	10-12
This course is designed to introduce students to the career possibilities in the floral industry and to provide basic instruction in the techniques of floral design. It includes standards that prepare students to produce creative floral arrangements for various events and cultures.				
<u>Forestry Management</u>	1	½	None	10-12
This course includes the study of mechanical and chemical practices needed in the production and management of forests.				
<u>Fundamentals of Greenhouse Management</u>	1	½	None	10-12
This course includes greenhouse structures, environmental controls, propagation, watering systems, chemical and biological controls, plant varieties and production schedules, and marketing.				
<u>Horse Science (Dual Enrollment)</u>	1	½	Prin. of Ag or Agriscience and 3.0 GPA	10-12
Students are taught the competencies necessary for success as an entry-level employee or an entrepreneur in the horse industry or for advancing to post-secondary training. NOTE: This course does not fulfill a science requirement for graduation.				
<u>Landscaping and Turfgrass Management</u>	1	½	None	10-12
This course covers the history of turfgrass in this country and the management techniques utilized in various turfgrass applications.				
<u>Leadership and Communication</u>	1	½	None	10-12
This course includes filling out job applications, interviews, work skills and ethics, public speaking, parliamentary procedure, and living skills.				
<u>Livestock Management</u>	1	½	Fund.of Ag. or Agriscience	10-12
This course includes the study of dairy, swine, beef, and sheep production.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Plant and Soil Science</u> (Dual Enrollment)	1	½	3.0 GPA or above	11-12
This course includes the study of water quality, run-off, soil erosion, conservation, and chemical usage.				
<u>Principles of Agriculture</u>	2	1	None	9-10
This course is an orientation to agricultural careers, plants, animals, and shop skills. Students also have the opportunity to become active in the FFA leadership program. NOTE: This course does not fulfill a science requirement for graduation.				
<u>Principles of Horticulture</u>	2	1	None	9-10
This course is an introductory course for the planet systems. Programs of study cover plant reproduction and care.				
<u>Small Animal Care</u>	1	½	None	10-12
Students are taught the competencies necessary for securing an entry-level position or for advancing to post-secondary training in the care of small animals such as dogs, cats, rabbits, hamsters, and birds.				
<u>Veterinary Science</u> (Dual Enrollment)	1	½	3.0 GPA or above	11-12
This course uses advanced technologies and medical treatment to maintain the health of animals.				
<u>Wildlife Management</u>	1	½	None	10-12
This course includes the importance of wildlife management; federal, state, and private agencies; hunter safety; predators; waterfowl; birds; parks; recreation; and fisheries.				

BUSINESS/INFORMATION TECHNOLOGY CAREERS

<u>Accounting 1</u>	2	1	Algebra 1 or Computer Applications	10-12
This course introduces concepts and principles based on a double-entry system of maintaining the financial records of a sole proprietorship and a partnership. It includes analyzing business transactions, journalizing, posting and preparing worksheets and financial statements.				
<u>Accounting 2</u>	2	1	Accounting 1	11-12
Accounting 2 is an advanced study of concepts, principles and techniques used in keeping the financial records of a sole proprietorship, partnership and corporation. Departmental, management, cost and not-for-profit accounting systems are explored.				
<u>Business Management</u>	1	½	None	11-12
Students in Business Management will develop a foundation in the many activities, problems, and decisions that are intrinsic to the management of a successful business.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Career Connections (BHS only)</u>	1	½	None	11-12
<p>Career Connections is designed to provide students with an understanding of how to plan for and manage careers in a continuously changing workplace. Students will learn the importance of exploring multiple career paths and building on the inter-relatedness between occupations when applying career development strategies throughout the life span. The family/work connection is emphasized in the content of this course. This course will encompass an individual's total lifestyle-education, occupation, social responsibility, and leisure. Involvement in service learning through a related vocational student organization (FBLA) will help students learn about workplace roles, understand employers' expectations, develop realistic ideas about careers, network with adults, and establish themselves as valuable resources and community assets.</p>				
<u>Computer Applications</u>	1 or 2	½ or 1	None	9-10
<p>This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the Historical, social, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production, accurate production analysis, management of information, and design and presentation of a multi-media project.</p>				
<u>Database Design /Management</u>	1	½	Keyboarding or concurrent	10-12
<p>The student will analyze and apply database design techniques and management method for organizing and maintaining files. The student will apply keying, typography, and layout and design skills in creating, designing, entering data, importing and exporting data, and printing database object and data. At the completion of the course, students will have database management skills enabling them to design and implement a relational database application.</p>				
<u>Desktop Publishing</u>	1	½	Keyboarding	10-12
<p>The student will apply keying, formatting, typography, and layout and design in developing electronic publishing documents. 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 in the graphic communications industry. Laboratory facilities and experiences simulate those found in the graphic communications industry.</p>				
<u>Document Layout & Design</u>	1	½	None	9-12
<p>Students use a hands-on approach to develop proficiency in document preparation. Emphasis is on production of business applications including design layout and accuracy. Concepts, capabilities, procedures, and legal responsibilities of word and information processing are applied. Simulated and real projects are used for problem solving and business document preparation.</p>				
<u>eBusiness Communication</u>	1	½	Keyboarding & DocLayout &Design	10-12
<p>The course addresses the use of the Internet, developing concepts, particularly those related to Web browsers, navigators, search engines, on-line communication methods, home and Web site design concepts, transfer of data, downloading files, security procedures and Internet navigation tools. Students choose and use appropriate tools needed for Internet applications. Emphasis is placed on electronic research, business report writing, business correspondence, enhancement of oral presentations with electronic media and communications applying current technology.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
Personal Finance	1	½	3.0 GPA	9-12

Dual Enrollment

This course is designed to develop skills in the use of financial principles in making business decisions. The course includes the investigation of financial management strategies, the comparison of different types of financial institutions, investment opportunities, job interview skills, and the use of credit.

Personal Finance	1	½	None	9-12
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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 and credit, as well as saving and investing.

Keyboarding	1	½	None	9
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The student will apply basic skills in operating a computerized keyboard by using the touch system and other input technologies to produce business and academic documents. Student will prepare business and academic report, etc. Standards relate to keying, formatting, grammar, punctuation, capitalization, spelling, content, typography and layout and design. Using special features of the software, the student will be able to format academic and business reports.

Spreadsheet Applications	1	½	Keyboarding	10-12
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Spreadsheet Applications involves the use of electronic worksheets used to perform business calculations. This course will apply keying, typography, layout and design skills in designing worksheets, writing formulas, analyzing data, charting data, and managing data. Team development will also be stressed as students work on spreadsheet project(s).

FAMILY AND CONSUMER SCIENCES

Child & Lifespan Development	1	½	None	10-12
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Child Development is a specialized course that prepares students to understand the physical, social, emotional, and intellectual growth and development of children. The course is designed to help young people acquire knowledge and skills essential to the care and guidance of children as a parent or caregiver. Emphasis is on helping students create an environment for children that will promote optimum development. Experiences such as laboratory observations, job shadowing, or laboratory participation may be included if opportunities are available. The integration of Family, Career and Community Leaders of America (FCCLA) provides students with opportunities for leadership development, personal growth, and school/community involvement.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Family and Consumer Sciences 2</u>	2	1	None	9-10
<p>Family and Consumer Sciences is a comprehensive, foundation course designed to assist students in developing the core knowledge and skills needed to manage their lives. Emphasis is on leadership, human development, family and parenting education, consumer economics and resource management, housing and living environments, nutrition and foods, textiles and apparel, and career preparation. Critical skills in decision making, problem solving, critical thinking, technology, work and family management, and workplace readiness are reinforced through authentic experiences. The course allows students to select specific areas for future concentrated study. A unique focus is on the management of families, work, and their interrelationships. The integration of Family, Career and Community Leaders of America (FCCLA) provides students with opportunities for leadership development, personal growth, and school/community involvement. NOTE: This course does not fulfill a science requirement for graduation.</p>				
<u>Family & Parenting</u>	1	½	None	10-12
<p>Family and Parenting focuses on the significance of the family as a basic unit of society and the impact of parenting roles and responsibilities on the well-being of individuals and society. Instructional content includes family, individuals, and society; relationships; communication; multiple roles; parenting roles and responsibilities; careers; and leadership, citizenship, and teamwork.</p>				
<u>Fashion Design and Merchandising</u>	1	½	Fam. & Cons. Science	10-12
<p>Fashion Design and Merchandising 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.</p>				
<u>Housing</u>	1	½	Fam. & Cons. Science	10-12
<p>Housing 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.</p>				
<u>Interior Design</u>	1	½	None	10-12
<p>Interior Design is a specialized course designed to prepare students to understand the influences affecting interior design. The course includes instruction in the application of design principles to the living environment, home furnishings and equipment, home care and maintenance, and exploration in related occupations/careers. Emphasis is on using available resources effectively to meet individual and housing interior design needs.</p>				
<u>Life Connections (formerly Interpersonal Communications)</u>	2	1	None	11-12
<p>Life Connections 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 well-being of themselves and others as they effectively manage the roles and responsibilities created by family, career, and community interactions.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Nutrition and Foods</u>	1	½	None	10-12

Nutrition and Foods is a specialized course with emphasis on helping students understand the significance of food, principles of nutrition, and the relationship of nutrition to health and well being. The course offers the students opportunities to develop skills in the selection, preparation, storing, and serving of food, meal management to meet individual and family nutrition needs across the life span, and optimal use of food resources. Careers and occupations in nutrition and food industries will be explored. The integration of Family, Career and Community Leaders of America (FCCLA) provides students with opportunities for leadership development, personal growth, and school/community involvement.

<u>Teaching as a Profession</u>	1	½	None	11-12
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This is a specialized course designed to prepare students to understand the characteristics of the many dynamics necessary for the teaching profession.

<u>Textiles & Apparel (MHS/CHS only)</u>	1	½	None	10-12
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Textiles and Apparel is a specialized course designed to prepare students to understand the social, psychological, and physiological aspects of textile and apparel products. Instruction in how to select, produce, maintain, and alter textile and apparel products and the effect of consumer choices on the needs of the individual and family are included in the course of study. The integration of Family, Career, and Community Leaders of America (FCCLA) provides students with opportunities for leadership development, personal growth, and school/ community involvement.

HEALTH SCIENCE EDUCATION

<u>Anatomy & Physiology</u>	2	1	* Biology 1 & Chemistry	11-12
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This course is designed for students to develop an understanding of the functioning of the human body. *Biology 1 and Chemistry may be pre-requisites or may be taken simultaneously.

<u>Biomedical Applications (CHS) 2</u>	1	1	None	11-12
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This course is an overview of biomedical research applications. Topics covered will include understanding laboratory procedures fundamental to biomedical research which include recombinant DNA, protein purification, cell and tissue culture. Additional topics include communication skills, the history and development of the field of biomedical research and understanding the legal environment and technology transfer aspects of biomedical research.

<u>Clinical Internship (1 sem. 2 blocks each day)</u>	1	1	Medical Therapeutics	12
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Students may choose to complete a clinical internship after completing Medical Therapeutics. The course is designed to be completed in a hospital, nursing home, rehab center, medical office or other health care facility. Students must have exemplary discipline and are required to get a tuberculin skin test, a physical exam, and to purchase uniforms. It is highly recommended that students get a Hepatitis B vaccine. Student enrollment in this class is limited and strict attendance is required.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Diagnostic Medicine</u>	2	1	None	10-12
Diagnostic medicine creates a picture of an individual's health status at a single point in time. Students acquire skills which may lead to careers in cardiology, imaging, medical laboratory, radiography, and others.				
<u>Emergency Medical Services</u>	2	1	None	10-12
This course is designed for students who are interested in becoming an EMT, a paramedic, or an ER nurse.				
<u>Forensic Science</u>	2	1	None	11-12
This course is an overview of how science is applied to solving crimes. Topics include history of forensic sciences, collecting of evidence, analyzing results and hands-on application of many laboratory techniques used in solving crimes and identifying people and future careers. Students participate in a staged crime scene to apply knowledge and skills gained.				
<u>Health Science Education</u>	2	1	None	9-12
This course introduces students to Health Care Occupations standards. Units include health care communications systems, legal responsibilities, ethics, teamwork, and safety practices. NOTE: This course does not fulfill a science requirement for graduation.				
<u>Medical Therapeutics</u>	1	1	Health Science Course & Biol 1 or Chem.	12
(1 sem. 2 blocks each day)				
This course provides knowledge and skills to maintain or change the health status of an individual over time. Students acquire skills which may lead to careers in dentistry, dietetics, medical assistance, home health, nursing, pharmacy, respiratory, social work and others. This is a pre-requisite for Clinical Internship. Students must receive 100% on Universal Precautions to go into Clinical Internship. A strict attendance requirement for advancement to Clinical Internship exists. A teacher interview is required along with an application including a teacher recommendation. Student enrollment in this class is limited.				
<u>Rehabilitative Therapies</u>	2	1	None	10-12
Students learn to differentiate between therapeutic career options, diagram human structure and describe human functions, organize and assess patient history, and apply appropriate multi-disciplinary therapies for medical conditions.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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MARKETING EDUCATION

Advertising and Public

<u>Relations</u>	2	1	Mktg. 1 and teacher recommendation	11
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Advertising and Public Relations focuses on the concepts and strategies associated with the dynamic and changing means of communication in order to promote products, services, and/or images.

<u>Marketing & Management 1</u>	2	1	None	10-11
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Marketing 1 is an instructional program for students interested in careers related to business, management, or marketing. Classroom instruction includes sales promotion, advertising, selling, communication skills, merchandising, job interviews, applications and resumes. **Credit in this course may count as the required ½ credit in economics.**

<u>Marketing & Management 2</u>	2	1	Mktg. 1 and teacher recommendation	12
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Marketing 2 continues the study of the concepts begun in the first year course. It includes the study of marketing foundations and career development, economic fundamentals and procedures, and management and communication skills. Students have hands-on experiences. (Work-based learning is offered at CHS with an additional credit for those who apply and qualify. At MHS students have hands-on experience running the school store and the vending machines. Students learn to order, stock, sell, and inventory.)

<u>Personal Finance</u>	1	½	None	9-12
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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 and credit, as well as saving and investing.

<u>Travel and Tourism (BHS only)</u>	2	1	Mktg. 1	11-12
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This course is a study of the various components of the travel and tourism industry. Subject matter will include human relations and communication, economics, career paths, marketing strategies, business operations and organizational and leadership skills.

Vocational Cooperative Work

<u>(CHS only)</u>	2	2	2.0 GPA Overall and CTE Courses	12
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Offered in Marketing Education, Vocational Cooperative Work integrates career related classroom instruction with work-based learning. In order to participate in this program a student must be enrolled in a related Career Technical Education course each semester. Vocational cooperative work is offered to students who have earned at least two (2) credits in the related Career Technical Education area and are currently enrolled in a Career Technical Education course in their major area. Employers grade students on their job performances. On-the-job arrangements are decided by the subject area instructors, the principal, and the Career Technical Education director. Job performance is regularly checked, and exceptional employee behavior is expected. Work is scheduled during the school day for to receive credit, and the employment must be for the major portion of the year. Work must average at least fifteen (15) hours per week. This program is subject to job availability. Guidelines and screening of applicants are pre-requisites for these courses. Guidelines may be obtained from the Career Technical Education instructors.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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TRADE AND INDUSTRIAL/TECHNOLOGY EDUCATION

ARTS & COMMUNICATION (BHS & MHS ONLY)

<u>Graphic Communications 1</u>	<u>2</u>	<u>1</u>	<u>Visual Communication</u>	<u>10-12</u>
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This course is the first in a series that prepares students for gainful employment and/or entry into postsecondary education in the graphic communications industry. Content provides the opportunity for students to acquire marketable skills by examining both the industry and its career opportunities and by developing leadership, teamwork, and industry skills.

Graphic Design &

<u>Digital Imaging</u>	<u>2 or 4</u>	<u>1 or 2</u>	<u>Visual Comm. or Graphic Comm.1</u>	<u>11-12</u>
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This course covers the principles of design and general layout procedures. The content covers electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing.

<u>Visual Communication</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
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This course provides a foundation in aesthetic concepts and applies these concepts to the visual art, design, printing, and the photography industries. Course content provides the opportunity for students to acquire marketable skills by examining both the visual arts and design industry and its career opportunities, and by developing leadership, teamwork, and technical skills. **NOTE: This course does not meet the college requirement for a fine arts course.**

TRADE & INDUSTRY

Advanced Computer-Aided

<u>Drafting (MHS & BHS)</u>	<u>2</u>	<u>1</u>	<u>CAD</u>	<u>10-12</u>
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This is a course in which students learn to use a CAD program to create engineering drawings including plan drawings, assembly drawings, welding and process drawings, cross sections, 3D representations, bills of materials, advanced architectural problems, and flat pattern developments. The course consists primarily of individual drawing projects, with some group projects.

Career Management Success

<u>(BHS only)</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>9</u>
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Career Management Success provides students with tools for achieving success in their academic, work and personal lives. Course content emphasizes the basic skills and knowledge needed for employment success, as identified by industry and supported by relevant national standards. All course content is presented in a real world context, providing concrete opportunities for developing personal and career goals, effective communication skills, teamwork abilities, and successful work attitudes.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Computer Aided Drafting (MHS & BHS)</u>	2	1	None	9-12

In this course, students learn the basic concepts of scale drawings and orthographic projections by making simple two- and three-dimensional drawings using manual drafting tools and computer-aided design (CAD). Course content enables students to make the transition into the use of CAD software by having them make increasingly sophisticated drawings.

<u>Principles of Engineering (BHS only)</u>	2	1	None	10-12
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Principles of Engineering is a course in which students explore the nature of engineering and the skills fundamental to all engineering fields.

<u>Principles of Machining & Manufacturing (MHS only)</u>	2	1	Alg 1	9-12
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This course focuses on the concepts and practices that support careers in manufacturing, industrial maintenance, industrial design, or industrial support. The course introduces the technology of machining and manufacturing processes. While working as team members, students will apply leadership and organizational skills relating to designing, producing, and maintaining a product. Emphasis is placed on quality control, codes and standards. The course is contextual by design. The course connects what is being learned to the learner's current experience, past knowledge, and future conduct. Laboratory exercises provide active and cooperative learning opportunities. Areas included are residential house wiring, electricity, basic electronics, computer electrical programs, and masonry.

<u>Principles of Manufacturing (MHS only)</u>	2	1	None	9-12
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This course focuses on the essential principles that must be mastered for a person to be effective in manufacturing production work. The course is intended for students interested in production. The course covers quality principles and processes, systems, information in the workplace, and the business of manufacturing. It connects what is being learned to the learner's current experience, past knowledge, and future conduct. Wherever possible, real-world or simulation hands-on experiences become the context in which instruction is delivered. Areas included are wood products, plastics, plumbing, drafting, and welding. Safety education and practices are emphasized.

TENNESSEE TECHNOLOGY CENTER

<u>Automotive Technology</u>	1 to 2	½ to 2	See Guidance Counselor	12
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This program is designed to meet the needs of business and industry. The curriculum is structured to enable students to specialize in one occupational area or complete the full program. This program teaches current methods of servicing and maintaining today's automobiles.

<u>Heating, Ventilation, Air Conditioning/Refrigeration</u>	1 to 2	½ to 2	See Guidance Counselor	12
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This is a self-paced program with classroom and shop work including theory, application, and service. Major blocks of instruction include electricity, refrigeration, air conditioning, heat pumps, heating and commercial systems.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Industrial Maintenance</u>	1 to 2	½ to 2	See Guidance Counselor	12
This program was designed to give the student the knowledge and skills needed to safely and efficiently perform the maintenance tasks that are necessary to maintain the machinery and associated equipment that are common to local industry				
<u>Machine Tool Technology</u>	1 to 2	½ to 2	See Guidance Counselor	12
The Machine Tool program is designed so a student may progress at his or her own rate of learning. The job sheets progress from the simple to the complex. In addition to this, class discussions, demonstrations, and formal lectures are used to support the existing program. The course objective is to give each student the knowledge and skills needed to operate safely and efficiently the machinery, and to maintain the machinery and associated equipment that is common to local industry				
<u>Welding</u>	1 to 2	½ to 2	See Guidance Counselor	12
The course is designed to prepare students for a career in welding using the various welding processes. The individualized method of instruction provides for both classroom instruction and practical hands on experience using tools and welding equipment. The following processes will be taught: SMAW (stick), MIG, TIG, and oxyacetylene cutting.				

**COLLEGE ADMISSION REQUIREMENTS
TENNESSEE BOARD OF REGENTS AND UT SYSTEM**

SUBJECT AREAS	UNITS REQUIRED
English	4
Algebra	2
Geometry, advanced math, pre-calculus or calculus	1
Natural science including at least one year of biology, and one year of either chemistry or physics	2
US History	1
European history, world history or world geography	1
A single foreign language	2
Fine arts: a survey course or participation in one or more of the arts: music, dance, theater, visual arts	1

These requirements apply to all regular freshman applicants. Applicants with foreign language deficiencies from those high schools not offering all the required subjects may, with proper approval, be admitted to the university; however, such deficiencies must be removed during the first two years of university work. The courses required to remove foreign language deficiencies can be used only to satisfy elective requirements.

NCAA REQUIREMENTS

Students who intend to participate in collegiate sports should consult the Athletic Director and their counselors for information about the required core courses and eligibility requirements. Students should register with NCAA Clearinghouse during their junior year. See www.ncaaclearinghouse.com for more information.

STATE BOARD OF REGENTS INSTITUTIONS INCLUDE:

UNIVERSITIES

Austin Peay State University
Clarksville, TN 37044

East Tennessee State University
Johnson City, TN 37614

Middle Tennessee State University
Murfreesboro, TN 37132

Tennessee State University
Nashville, TN 37203

Tennessee Tech University
Cookeville, TN 38505

The University of Memphis
Memphis, TN 38152

COMMUNITY COLLEGES

Chattanooga State Tech Community College
Chattanooga, TN 37400

Cleveland State Community College
Cleveland, TN 37311

Columbia State Community College
Columbia, TN 38401

Dyersburg State Community College
Dyersburg, TN 38024

Jackson State Community College
Jackson, TN 38301

Motlow State Community College
Tullahoma, TN 37388

Roan State Community College
Harriman, TN 37748

Southwest Tennessee Community College
Memphis, TN 38104

Volunteer State Community College
Gallatin, TN 37066

Walters State Community College
Morristown, TN 37814

THE UNIVERSITY OF TENNESSEE CAMPUSES INCLUDE:

Chattanooga
Knoxville
Martin
Memphis Medical Unit