

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: _____

Tennessee and Tipton County Board Policies will have precedence over any information included in this book.

TIPTON COUNTY DEPARTMENT OF PUBLIC INSTRUCTION

Dear Students,

It is truly an honor to be a part of your education. You have so many exciting opportunities awaiting you both during high school and after high school. Regardless of the path you choose, we are looking forward to working with you to develop an educational program that will lead to a successful life beyond these high school hallways.

Whether you choose to pursue a path that includes TCAT, a community college, a four-year university, the military, or professional/industrial certification, we are here to help you meet your goals. I encourage you to take advantage of the information within the pages of this handbook.

The opportunities available to you during the next few years will be boundless. Make sure you are prepared for them.

I am so glad to be a part of this journey with you!

John Combs, Ed.D.
Superintendent

TIPTON COUNTY SCHOOLS

REGISTRATION HANDBOOK AND COURSE CATALOG

Administration

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Dr. Charlotte Fisher	Director of Operations
Dr. Rebekah Byrd	Director of Instruction
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Harvey Witherington	Director of Career Technical Education
Sharon Belew	Supervisor of Special Populations, 6-12
Steve Maclin	Supervisor of Instruction, 6-12
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Leisa Bennett	Supervisor of Human Resources
Jeff Morris	Supervisor of Transportation
Peggy Murdock	Chief Financial Officer
Marion Samuel	Supervisor of Accountability
Barnet Hall	Supervisor of Maintenance
Marty Becton	Technology Coordinator
Henry Glass	Supervisor of Nutrition
Ann Smith	Media Supervisor
Glenn Turner	Emergency Management

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**TIPTON COUNTY HIGH SCHOOLS
2019 - 2020**

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MISSION

The mission of the Tipton County School System, the leading catalyst for educational excellence, is to guide and inspire students to become model citizens who pursue postsecondary education and thrive in the global job market by engaging each student in challenging experiences led by quality educators in a safe and nurturing environment.

VISION

The vision of the Tipton County School System in collaboration with our families and communities is to meet the needs of all students resulting in good citizenship, academic achievement, economic growth and prosperity.

GOALS

Each student will excel in academics while exceeding all educational standards.

Each student will be prepared for postsecondary opportunities.

Each student will be empowered to pursue his or her chosen career.

Each student will become a model citizen who makes a positive contribution to the community.

BELIEFS

We believe that

- Education has a positive impact on our community.
- Education is a shared responsibility among home, school, and community.
- Environment influences the learning needs of individuals.
- Safety is the foundation for any learning environment.
- Integrity, respect and trust are essential for the foundations of life.
- Each person is unique and has the ability to learn.
- Success is defined individually based on self-worth.
- Motivation and communication promote success.
- All people are equally important.
- The arts enrich the development of the individual as a whole person.
- Maintaining a healthy lifestyle is necessary for a productive society.

SCHOOL ADMISSION REQUIREMENTS

Any student entering school for the first time must present the following:

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. One proof 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. Public assistance/government benefits; or
 - g. Driver's license or state issued I.D.
5. Proof of custody, if necessary
6. 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.

Please note: If you are unable to secure one of the items above, please contact the principal of your child's zoned school for assistance in enrolling your student.

OPEN ENROLLMENT

During the month of June each year, a parent/guardian may request that his/her child attend a school within the system other than the one to which the child is zoned. Open enrollment papers may be picked up at any school or at the Tipton County Central Office. ALL completed open enrollment papers must be submitted to the Tipton County Central Office. The director of schools or his/her designee shall review such requests and, if adequate space is available, grant such transfers unless a transfer would be adverse to the best interests of the child or the school system. If granted, the student must provide his/her own transportation to and from the school. The student shall maintain satisfactory attendance, behavior and effort to remain in the new school. If the criteria are not met, the student will be remanded to his/her home school. Transfer students will meet the same enrollment requirements as new students. After a student has enrolled in one (1) school within the system, he/she will not be permitted to transfer to another unless there is a change in residence of the student's parents or guardian outside the area in which the student enrolled.

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 should complete a Capstone Project 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 (Students must take an English class each year.)	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 I, English II, English III, English IV
2. The four math courses must include Algebra I, Algebra II, Geometry, **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
7. Pass the United States Civics Exam
8. Completion of ACT or SAT Test Exam

DETAILED REQUIREMENTS

English (Students must take an English class each year.)	4 credits
- English I	1 credit
- English II	1 credit
- English III	1 credit
- English IV	1 credit
-- AP English Literature and Composition	
-- English IV Dual Credit	
Mathematics (Students must take a math class each year.)	4 credits
- Algebra I	1 credit
- Algebra II	1 credit
- Geometry	1 credit
- Upper Level Math	1 credit
-- Advanced Algebra and Trigonometry Dual Credit	
-- Applied Mathematical Concepts	
-- Bridge Math – Students who have not earned a 19 on the mathematics component of the ACT by the beginning of the senior year.	
-- Statistics	
-- STEM Math (Pre-Calculus, AP Calculus, Calculus)	
Science	3 credits
- Biology I	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 Credit	

- 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

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. **Parental signature is required.**

ACT Preparatory 1 credit
Additional Elective 1 credit

TOTAL 24 credits

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

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

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 DIPLOMAS OFFERED BY TIPTON COUNTY HIGH SCHOOLS

The following diplomas are offered in accordance with Tennessee State Rules, Regulations, and Minimum Standards. All GPAs 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. **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. **SPECIAL EDUCATION DIPLOMA** 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 a Special Education Diploma, may work towards the regular high school diploma through the end of the school year in which he/she turns twenty-two-years old.
3. **OCCUPATIONAL DIPLOMA** may be awarded at the end of the fourth year of high school to students with disabilities who have (1) not met the requirements for a high school diploma, (2) have satisfactorily completed an individualized education program, (3) have satisfactory records of attendance and conduct, and (4) have completed the occupational diploma Skills, Knowledge, and Experience Mastery Assessment (SKEMA) created by the department and have completed two (2) years of paid or non-paid work experience. The determination that an occupational diploma is the goal for a student with a disability will be made at the conclusion of the student’s tenth (10th) grade year or two (2) academic years prior to the expected graduation date. Students who obtain the occupational diploma may continue to work towards the high school diploma through the end of the school year in which they turn twenty-two (22) years old.
4. **ALTERNATE ACADEMIC DIPLOMA** may be awarded to students with disabilities who have (1) participated in the high school alternate assessments; (2) earned the prescribed 22 credit minimum; (3) received special education services or supports and made satisfactory progress on an individualized education program (IEP); (4) satisfactory

records of attendance and conduct; and (5) completed transition assessment(s) that measures, at a minimum, postsecondary education and training, employment, independent living, and community involvement.

TESTING

The Tennessee State Standards are a set of clear standards developed to ensure every student graduates from high school prepared for college or the workforce. Tipton County Schools will adhere to the adopted testing policies and procedures set forth by the State of Tennessee.

ACT GUIDELINES

As a strategy for assessing student readiness to enter and succeed in postsecondary training, every high school student shall take 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.

DUAL CREDIT/ENROLLMENT

Dual credit/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.

EARLY POSTSECONDARY OPPORTUNITIES

Advanced Placement, Dual Enrollment, and National Industry Certification Courses

Early postsecondary opportunities allow students to:

- earn postsecondary credits while in high school.
- become familiar with postsecondary expectations.
- develop confidence and skills for success in postsecondary.
- make informed postsecondary and career decisions.
- decrease the time and cost of completing a certificate or degree.

For more information: <https://www.tn.gov/education/early-postsecondary.html>

Advanced Placement (AP) courses are taught at a college level with curriculum determined by The College Board. AP courses include extensive reading. Students in AP courses have an

opportunity to earn college credit based on their score on the national AP exam. To enroll in an AP course, students should be recommended by a prerequisite teacher. Students will earn five (5) points to the final average of each grading period and each semester exam grade. The two nine-week grades and the semester exam grade will be used to calculate the semester average. Points are not added to the semester average.

Dual Enrollment (DE) courses allow students to participate in college level courses conducted during the school day. Dual Enrollment courses use varying colleges and universities and the Tennessee state standards. Admission requirements and enrollment must be met in order to earn college credit. Students will earn four (4) points to the final average of each grading period and each semester exam grade. The two nine-week grades and the semester exam grade will be used to calculate the semester average. Points are not added to the semester average.

Industry Certifications (IC) are earned through secondary and postsecondary career and technical education programs and courses. High school students are encouraged to focus their elective credits on robust, career-aligned learning pathways. All state-promoted certifications are aligned with postsecondary and employment opportunities and with the competencies and skills that students should have acquired through their chosen programs of study. Students will earn four (4) points to the final average of each grading period and each semester exam grade. The two nine-week grades and the semester exam grade will be used to calculate the semester average. Points are not added to the semester average.

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

COOPERATIVE AGREEMENTS

In cooperation with the Tennessee College of Applied Technology 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.

- Administrative Office Technology
- Automobile Technology
- Computer Information Technology
- Heating, Ventilation, Air Conditioning/Refrigeration
- Industrial Maintenance
- Machine Tool Technology
- Welding

See school counselors for additional information.

Tipton County Schools has a cooperative agreement with several colleges and universities for dual credit. 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 I, Algebra II, and Geometry. Students who take a fourth year of an 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 six 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
- Tennessee Promise

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

Personal Finance	½ credit
PE / Wellness	<u>1½ credit</u>
TOTAL	16 credits

- 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 area of science, the first three courses taken are factored into the tie-breaker GPA. Should a tie still exist, co-honor positions are named.
- Using the same criteria listed above, the top ten will be determined and listed by 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

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.

If a student transfers from a non-accredited school, placement tests will be given. The grades the student earns on the placement tests will be recorded on the student's transcript as both semester averages as well as the final average. These grades will be included in the student's overall grade point average (GPA).

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 in non-end of course tested subjects to determine if a student earns one credit for a year-long course. In the end of course subjects, the state test score will be 25% of the average in the semester the test was administered. 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 an accredited public school system, in a recovery program during the year 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 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. A student may not drop a course after the schedule has been finalized without permission from the building principal or his/her designee.

CREDIT RECOVERY

Credit Recovery is designed for students in grades 9-12 who have failed a required course. 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.

Students passing credit recovery shall receive a grade of seventy percent (70%).

Grades awarded in credit recovery courses shall adhere to the State Board of Education's Uniform Grading Policy.

NCAA does not accept credit recovered courses.

MINIMUM COURSE LOAD

All full time students in grades 9-12 shall be enrolled each semester in subjects that produce a minimum of six units of credit for graduation per year.

Students must schedule six to eight courses each semester/year. No credit is earned for study hall/directed study

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 offers *Family Access*, located at www.tipton-county.com. Parents of Tipton County students have the ability to view their students' school information including attendance, discipline, report cards, progress reports, and assignment grades. In order to use *Family Access*, 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 2019-2020 with
MAXIMUM CREDITS ELIGIBLE TO MEET GRADUATION REQUIREMENTS**

Language Arts

ACT Preparatory - ½ to 1	English IV College Preparatory - 1
Creative Writing - ½ or 1	English Advanced Placement
English I - 1	English Dual Credit
English I College Preparatory - 1	English Labs (no language arts credit; elective credit only) -½ or 1
English II - 1	Etymology - ½ or 1
English II College Preparatory - 1	Journalism – 1 to 4
English III- 1	Speech / Broadcasting - 1
English III College Preparatory - 1	
English IV - 1	

*NOTE: Remedial English and Alternate Academic Education (AAD) English are offered at each grade level, 9-12, for students based upon Individualized Educational Plan (IEP) team decisions.

Foreign Language

French I - 1	Spanish II - 1
French II - 1	Spanish III - 1
Spanish I - 1	Language Dual Credit

Mathematics

Algebra I - 1	Geometry College Preparatory - 1
Algebra I College Preparatory - 1	Math Advanced Placement
Algebra II – 1	Math Dual Credit
Algebra II College Preparatory - 1	Math Labs (no mathematics credit; elective credit only) - ½ or 1
Applied Mathematical Concepts - 1	Pre-Calculus – 1
Bridge Math - 1	Statistics - 1
Geometry – 1	

*NOTE: Remedial math and Alternate Academic Education (AAD) math are offered based upon Individualized Educational Plan (IEP) team decisions.

Science

Agriscience - 1	Physical Science – 1
Biology I – 1	Physical Science College Preparatory - 1
Biology I College Preparatory - 1	Physics – 1
Biology II – 1	Science Advanced Placement
Chemistry - 1	Science Dual Credit
Chemistry College Preparatory - 1	Science Labs (no science credit; elective credit only) - ½ or 1
Chemistry II – 1	
Earth & Space Science – 1	
Ecology - 1	

*NOTE: Remedial science and Alternate Academic Education (AAD) science are offered based upon Individualized Educational Plan (IEP) team decisions.

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

**COURSES OFFERED 2019-2020 MAXIMUM CREDITS ELIGIBLE TO MEET
GRADUATION REQUIREMENTS**

Social Studies

Capstone – ½	Social Studies Labs (no social studies credit; elective credit only) - ½ or 1
Economics - ½	US Government - ½
Personal Finance – ½	US History - 1
Psychology - ½	US History College Preparatory - 1
Sociology - ½	World Geography - 1
Social Studies Advanced Placement	World History - 1
Social Studies Dual Credit	

*NOTE: Alternate Academic Education (AAD) social studies are offered based upon Individualized Educational Plan (IEP) team decisions.

Fine Arts

Band – 1 to 4	Vocal Music – 1 to 4
General Music - ½ or 1	Visual Arts - ½ or 1
Media Arts – ½	Fine Arts Advanced Placement
Music Theory – ½ or 1	Fine Arts Dual Credit
Theater Arts – 1 to	

Wellness Education

Wellness (PE and Health)* - 1
Wellness Advanced Placement
Wellness Dual Credit

* 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 – ½ to 4
Physical Education – ½ or 1
Co-Ed Weight Training – ½ to 4

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

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

**COURSES OFFERED 2019-2020 MAXIMUM CREDITS ELIGIBLE TO MEET
GRADUATION REQUIREMENTS**

Career Technical Education (CTE) Courses

CTE Advanced Placement

CTE Dual Credit

CTE Work-Based Learning: Career Practicum – 1 or 2

Agricultural Education

Advanced Food Science - 1

Agricultural and Biosystems Engineering – 1

Agricultural Business & Finance – 1

Agricultural Power and Equipment – 1

Agriscience – 1

Applied Environmental Science – 1

Food Science and Safety - 1

Greenhouse Management –1

Landscaping and Turf Science – 1

Large Animal Science – 1

Natural Resources Management – 1

Organizational Leadership and
Communications - 1

Plant and Soil Science – 1

Principles of Agribusiness – 1

Principles of Agricultural Mechanics- 1

Principles of Food Production - 1

Principles of Plant Science & Hydroculture –1

Small Animal Science –1

Supervised Agricultural Experience – ½ to 1

Veterinary Science – 1

Veterinary Science Intern – 1 or 2

Arts, Audio/Visual Technology, & Communications

Digital Arts and Design I – 1

Digital Arts and Design II – 1

Digital Arts and Design III – 1

Visual Arts - 1

Business Management & Administration

Accounting I – 1

Advanced Computer Applications – 1

American Business Legal Systems – ½

Business Communications – 1

Business Management – 1

Computer Applications – 1

Computer Science Advanced Placement – 1

Introduction to Business and Marketing – 1

Education & Training

Fundamentals of Education – 1

Teaching as a Profession I – 1

Teaching as a Profession II – 1

Finance

Accounting I – 1

Accounting II – 1

Banking and Finance – 1

Health Science

Anatomy and Physiology – 1
Clinical Internship – 1
Diagnostic Medicine – 1
Emergency Medical Services – 1
Global Health & Epidemiology - 1

Health Science Education – 1
Medical Terminology – 1
Medical Therapeutics – 1
Pharmacological Sciences – 1
Rehabilitation Careers – 1

Human Services

Family Studies – 1
Human Services Practicum - 1
Introduction to Human Studies – 1

Lifespan Development – 1
Nutrition Across the Lifespan – 1

Marketing

Advertising and Public Relations – 1
Introduction to Business & Marketing – 1
Marketing & Management I - 1

Marketing & Management II – 1
Retail Operations – 1

Tennessee College of Applied Technology

Administrative Office Technology – ½ to 2
Automotive Technology – ½ to 2
Computer Information Technology – ½ to 2
Heating, Ventilation, Air
Conditioning/Refrigeration - ½ to 2
Industrial Maintenance - ½ to 2

Machine Tool Technology - ½ to 2
Welding - ½ to 2

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

GRADUATION REQUIREMENTS

Core curriculum required of all students

English (Students must take an English class each year.)	4 credits
Mathematics (Students must take a math class each year.)	4 credits
Science	3 credits
Social Studies	3 credits
P.E. and Wellness	1½ credits
Personal Finance	½ credit
Fine Art, Foreign Language, and Elective Focus	6 credits
Additional credits (one is ACT Prep)	2 credits

TOTAL **24 credits**

All students should complete a Capstone Project 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)

PLAN YOUR WORK AND WORK YOUR PLAN: WORKING SECTION

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.

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

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

Parent Contacted

Date: ___/___/___

Focus: _____

Date: ___/___/___

Focus: _____

Date: ___/___/___

Focus: _____

Date: ___/___/___

Focus: _____

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.

Response to Instruction and Intervention, or RTI², is a teaching system that uses a data to identify students' specific needs and match those needs with appropriate instructional strategies.

COURSE DESCRIPTIONS

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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LANGUAGE ARTS

ACT Preparatory	1 or 2	½ or 1	None	11-12
<p>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. Placement to be determined by building level administration in this course.</p>				

Creative Writing	1	½ or 1	None	11-12
<p>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.</p>				

English I	2	1	None	9
<p>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 which follows Tennessee State Board of Education Policies.</p> <p>* 9th grade students are placed in English courses based on middle school English results.</p>				

English I College Preparatory	2	1	TCAP Total Lang: 80 percentile or higher	9
<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 which follows Tennessee State Board of Education Policies.</p> <p>* 9th grade students are placed in English courses based on middle school English results.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>English II</u>	<u>2</u>	<u>1</u>	<u>English I</u>	<u>10</u>
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 which follows Tennessee State Board of Education Policies.				
<u>English II College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English I / Recommendation</u>	<u>10</u>
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 which follows Tennessee State Board of Education Policies.				
<u>English III</u>	<u>2</u>	<u>1</u>	<u>English I & II</u>	<u>11</u>
This course includes a general overview of American literature. Students review grammar and usage with an emphasis on vocabulary development and writing skills.				
<u>English III College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English I & II / Recommendation</u>	<u>11</u>
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.				
<u>English IV</u>	<u>2</u>	<u>1</u>	<u>English I, II, III</u>	<u>12</u>
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.				
<u>English IV College Preparatory</u>	<u>2</u>	<u>1</u>	<u>English I, II, III / Recommendation</u>	<u>12</u>
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.				
<u>English Advanced Placement (EPSO)</u>			<u>See school counselors or administration</u>	
<u>English Dual Credit (EPSO)</u>			<u>See school counselors or administration</u>	

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>English Lab</u>	<u>1 or 2</u>	<u>½ or 1</u>	<u>None</u>	<u>9-12</u>

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. This course may count as credit in the humanities focus area. **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>Etymology</u>	<u>1</u>	<u>½ or 1</u>	<u>None</u>	<u>11-12</u>
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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.

<u>Journalism</u>	<u>2</u>	<u>1</u>	<u>Teacher interview</u>	<u>10-12</u>
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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.

<u>Speech/Broadcasting</u>	<u>2</u>	<u>1</u>	<u>*See Below</u>	<u>11-12</u>
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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. **Theater Arts I is a prerequisite and a teacher interview is required along with an application including teacher recommendations.

FINE ARTS

<u>Band (Instrumental Music)</u>	<u>2</u>	<u>1</u>	<u>Audition</u>	<u>9-12</u>
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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.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Fine Arts Advanced Placement (EPSO)</u>			<u>See school counselors or administration</u>	
<u>Fine Arts Dual Credit (EPSO)</u>			<u>See school counselors or administration</u>	
<u>General Music</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>9-12</u>
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>Media Arts</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>9-12</u>
Students learn to understand and apply media, techniques, and processes. Students learn the fundamental uses of elements and principles of art and will be required to complete art projects. An art fee is required.				
<u>Music Theory</u>	<u>1</u>	<u>½</u>	<u>None</u>	<u>9-12</u>
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>Theater Arts I (Forensics)(EPSO)2</u>		<u>1</u>	<u>None</u>	<u>9-12</u>
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 II (Drama)</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>10-12</u>
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.				
<u>Theater Arts III (Broadcasting) 2</u>		<u>1</u>	<u>*see below</u>	<u>11-12</u>
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 I is a prerequisite and a teacher interview is required along with an application including teacher recommendations.				
<u>Theater Arts IV(Broadcasting) 2</u>		<u>1</u>	<u>*see below</u>	<u>12</u>
This course is an advanced broadcasting course. *Theater Arts III is a prerequisite and a teacher interview is required along with an application including teacher recommendations.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
Visual Arts	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.				
Vocal Music	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.				

FOREIGN LANGUAGE

Language Dual Credit (EPSO) See school counselors or administration

French I	2	1	English I *	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.				
<i>* 9th grade students who are enrolled in English 1 CP or have obtained an A or B in Algebra I in the 8th grade and are enrolling in a higher-level math course may enroll in a foreign language.</i>				

French II	2	1	French I	10-12
This course is a continuation of French I with emphasis on grammar, vocabulary, advanced reading comprehension, oral and written skills, and French culture.				

Spanish I	2	1	English I *	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.				
<i>* 9th grade students who are enrolled in English 1 CP or have obtained an A or B in Algebra I in the 8th grade and are enrolling in a higher-level math course may enroll in a foreign language.</i>				

Spanish II	2	1	Spanish I	9-12
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.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
Spanish III	2	1	Spanish I, II	10-12
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.				

MATHEMATICS

Algebra I	2	1	Test scores	9-12
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 which follows Tennessee State Board of Education Policies.				

Algebra I College Preparatory	2	1	Test Scores	9-12
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 which follows Tennessee State Board of Education Policies.				

Algebra II	2	1	Algebra I	9-12
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. This course includes an end-of-course test which follows Tennessee State Board of Education Policies.				

Algebra II College Preparatory	2	1	Algebra I / Recommendation	9-12
Algebra 2 is a continuation of Algebra 1 with more advanced topics in each section. The college preparatory course offers an even more extensive study of the advanced topics related to algebraic equations. New topics such as complex numbers, analytic geometry, and probability and statistics are included. This course includes an end-of-course test which follows Tennessee State Board of Education Policies.				

Applied Mathematical Concepts 2		1	Alg I, Alg II, Geometry	11-12
Applications and modeling using mathematics are the primary foci of this course.				

Bridge Math	2	1	None	12
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. Some Bridge Math classes utilize the SAILS program through Dyersburg State Community College. This course will not satisfy NCAA requirements.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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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 as a science course, Agriscience is not recognized by NCAA Clearinghouse as a science course. **NOTE: This course does not fulfill a physical science requirement for graduation.**

<u>Biology I</u>	<u>2</u>	<u>1</u>	<u>Test Scores</u>	<u>9-11</u>
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Biology I 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 which follows Tennessee State Board of Education Policies.** This course is required for graduation. This is a life science course.

<u>Biology I College Preparatory</u>	<u>2</u>	<u>1</u>	<u>Test Scores / Recommendation</u>	<u>9-11</u>
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This course is a faster-paced, more in-depth study of Biology I, 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 which follows Tennessee State Board of Education Policies.** This course is required for graduation. This is a life science course.

<u>Biology II</u>	<u>2</u>	<u>1</u>	<u>Biology I & Chemistry I</u>	<u>11-12</u>
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Biology II 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.

<u>Chemistry I</u>	<u>2</u>	<u>1</u>	<u>Algebra I</u>	<u>10-12</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 course includes an end-of-course test which follows Tennessee State Board of Education Policies.** This is a physical science course.

<u>Chemistry I College Preparatory</u>	<u>2</u>	<u>1</u>	<u>Algebra I / Recommendation</u>	<u>10-12</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 course includes an end-of-course test which follows Tennessee State Board of Education Policies.** This is a physical science course.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Chemistry II</u>	<u>2</u>	<u>1</u>	<u>Chemistry I</u>	<u>12</u>
Chemistry II 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>Earth and Space Science</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
The Earth and Space Science course examines the role of Earth's place in the universe, the interplay of Earth's systems, and the interrelationships between Earth's systems and human activity. Inherent in this course is a look at how Earth has changed over time and the dynamics that continue to affect it. As events have impacts on the hydrosphere, biosphere, atmosphere, and geosphere, there are also sphere-to-sphere dynamics taking place in the short, medium, and long-term. This is a lab course, with an emphasis on important 21st century critical thinking skills				
<u>Ecology</u>	<u>2</u>	<u>1</u>	<u>Biology I</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>9-11</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. II or 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.				
<u>Science Advanced Placement (EPSO)</u>			<u>See school counselors or administration</u>	
<u>Science Dual Credit (EPSO)</u>			<u>See school counselors or administration</u>	
<u>Science Lab</u>	<u>2</u>	<u>½ or 1</u>	<u>None</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 offer this class to accompany courses based on previous achievement. This course may count as credit in the humanities focus area. Credit in this course will not count as one of the science credits required for graduation, but it will count as an elective.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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SOCIAL STUDIES

Capstone	1	½	None	12
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Capstone is a course designed to allow students to explore topics of interest, specialization, community need, work force demands, and college or career choice.

Economics	1	½	None	12
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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.

Personal Finance (EPSO)	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.

Psychology	1	½	None	11-12
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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.

Social Studies Advanced Placement (EPSO)			See school counselors or administration	
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Social Studies Dual Credit (EPSO)			See school counselors or administration	
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Social Studies Lab	2	½ or 1	None	10 - 12
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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. This course may count as credit in the humanities focus area. **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.**

Sociology	1	½	None	11-12
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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.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>US History</u>	2	1	None	11-12
<p>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. This course includes an end-of-course test which follows Tennessee State Board of Education Policies.</p>				
<u>US History College Preparatory 2</u>		1	None	11-12
<p>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. This course includes an end-of-course test which follows Tennessee State Board of Education Policies.</p>				
<u>US Government and Civics</u>	1	½	None	12
<p>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.</p>				
<u>World History and Geography 2 (EPSO)</u>		1	None	9-12
<p>Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world.</p>				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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WELLNESS EDUCATION

<u>Co-Ed Weight Training and Conditioning</u>	1 or 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 or 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 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>Physical Education</u>	1 or 2	½ or 1	None	9-12
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Physical education is a planned program designed to teach the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction.

<u>Wellness</u>	2	½ or 1	None	9-12
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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.

<u>Wellness / PE Dual Credit (EPSO)</u>	<u>See school counselors or administration</u>			
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DRIVER'S EDUCATION

<u>Driver's Education</u>	½	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 ½ 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.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
CTE Advanced Placement (EPSO)			See school counselors or administration	
CTE Dual Enrollment (EPSO)			See school counselors or administration	
CTE Work-Based Learning: Career Practicum			See school counselors or administration	

AGRICULTURE

Advanced Food Science	2	1	Food Science & Safety	11-12
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Advanced Food Science is an applied course designed to prepare students for further education and careers in food science and technology. This course covers advanced principles of food science, characteristics and properties of food products, processing and grading techniques and skills, and food labeling and packaging principles. Upon completion of this course, proficient students will be able to pursue advanced training in food science at a postsecondary institution.

Agricultural and Biosystems

Engineering	2	1	Ag Power & Equip	12
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Agricultural and Biosystems Engineering is a capstone course that prepares students for further study or careers in engineering, environmental science, agricultural design and research, and agricultural mechanics. Special emphasis is given to the many modern applications of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) to achieve various agribusiness goals. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards for Mathematics, and National Agriculture, Food and Natural Resources Career Cluster Content Standards.

Agricultural Business

And Finance	2	1	Agriscience, Prin. Food Prod.	10-12
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Agricultural Business and Finance is an applied course that addresses the economic and business principles necessary to operate a successful agribusiness. The course covers a wide range of topics Page 2 in business, finance, economics, and management. Upon completion of this course, proficient students will have learned to apply the principles drawn from these topics toward activities that support their own business aspirations in the agriculture industry. Agricultural Business and Finance satisfies the *Personal Finance* requirement for graduation.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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<u>Agricultural Power and Equipment</u>	2	1	Prin. Ag. Mechanics	11-12
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Agricultural Power and Equipment is an applied-knowledge course in agricultural engineering with special emphasis on laboratory activities involving small engines, tractors, and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and fuel-powered engines as well as exploration of a wide range of careers in agricultural mechanics. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards in Mathematics, and National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Agriscience</u>	2	1	None	9
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Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. In addition, it serves as the first course for all programs of study in the Agriculture, Food and Natural Resources Cluster. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards in Mathematics, and Tennessee state standards in Anatomy and Physiology, Biology I, Biology II, Chemistry I, Chemistry II, Environmental Science, Physical Science, Physics, and Physical World Concepts, as well as the National Agriculture, Food and Natural Resources Career Cluster Content Standards. This course counts as a lab science credit toward graduation and college entrance requirements. Agriscience is not recognized by NCAA Clearinghouse as a science course.

<u>Applied Environmental Science</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Applied Environmental Science focuses on the knowledge, information, and skills related to the fundamental science and management of ecosystems as well as careers, leadership, and history of the industry. This course covers principles of environmental impacts, energy consumption, and ecosystem management. Upon completion of this course, proficient students will be prepared for advanced coursework in the Environmental and Natural Resources program of study. This course satisfies one credit of laboratory science required for graduation (check with administration for NCAA requirements).

<u>Food Science & Safety</u>	2	1	Agriscience or Prin.Food Prod	11-12
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Food Science and Safety is an applied –knowledge course designed for students interested in careers in food science. The course covers fundamental principles of food science, food safety and sanitation, foodborne pathogens, and food-related standards and regulations.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Greenhouse Management</u>	2	1	Agriscience or Prin.Food Prod	10-12

Greenhouse Management is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. It provides students with the technical knowledge and skills needed to prepare for further education and careers in horticulture production. Greenhouse Management is a dual credit course with statewide articulation. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards for Mathematics, and Tennessee state standards for Biology I and Biology II, as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Landscaping and Turf Science</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Landscaping and Turf Science is an applied-knowledge course designed to provide challenging academic standards and relevant technical knowledge and skills needed for further education and careers in landscape design, maintenance, and turf management. Content includes site analysis and planning, principles of design, and plant selection and care techniques. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards for Mathematics and Tennessee state standards for Biology II, as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Large Animal Science</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Large Animal Science is an applied hands-on course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, as well as Tennessee Anatomy and Physiology standards and National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Natural Resources Management</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Natural Resources Management is an applied knowledge course for students interested in learning more about becoming good stewards of our environment and natural resources, as an environmental scientist, conservationist, forester, or wildlife manager. This course covers major types of natural resources and their management, public policy, the role of public education in managing resources, as well as careers, leadership, and history of the industry. Standards in this course are aligned with Common Core State Standards for English Language Arts & Literacy in Technical Subjects, as well as, the National Agriculture, Food and Natural Resources Career Cluster Content Standards.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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<u>Organizational Leadership and Communications</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Organizational Leadership and Communications is an applied-knowledge course for students interested in learning more about the attributes and skills of successful leaders in the Agriculture industry. This course covers organizational behavior, communication, management, and leadership topics. Students in this course participate in activities that will assist them in the development of communication and interpersonal skills transferrable to any agribusiness application. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Plant and Soil Sciences</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Plant and Soil Sciences is an applied-knowledge course focusing on the science and management of plants and soils with special attention given to current agricultural practices that support the healthy and sustainable cultivation of major crops. Students in this course will be exposed to a range of careers associated with the science and management of plants and soils and will develop the essential skills and knowledge to be successful in science-or agriculture-related occupations. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Biology I, Biology II, Ecology, and Environmental Science, as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Principles of Agribusiness (Floral Design)</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Principles of Agribusiness teaches students to apply the economic and business principles involved in the sale and supply of agricultural products to a wide range of careers across the industry and builds foundational knowledge of finance and marketing principles. Standards in this course are aligned with Tennessee Common Core English Language Arts & Literacy in Technical Subjects as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

<u>Principles of Agricultural Mechanics</u>	2	1	Agriscience or Prin.Food Prod	10-12
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Principles of Agricultural Mechanics is a course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards for Mathematics and National Agriculture, Food, and Natural Resources Career Cluster Content Standards.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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Principles of Food Production

(Introductory to Ag & FFA)	2	1	None	9-10
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Principles of Food Production is an introductory course in plant and animal agriculture for students interested in pursuing careers in production agriculture or food science. Students study principles related to plant and animal structural anatomy, systems physiology, economics of production, genetics and biotechnology, and other management approaches associated with plant and animal production.

Principles of Plant Science

and Hydroculture	2	1	Agriscience or Prin.Food Prod	10-12
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Principles of Plant Science and Hydroculture focuses on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Biology I standards, Tennessee Biology II standards, Tennessee Ecology standards, and Tennessee Environmental Science standards, and National Agriculture, Food and Natural Resources Career Cluster Content Standards.

Small Animal Science	2	1	Agriscience or Prin.Food Prod	10-12
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Small Animal Science is an applied course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Biology I standards, Tennessee Biology II standards, Tennessee Anatomy and Physiology standards, as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards.

Supervised Agricultural Experience	2	½ to 2	Agriscience or Prin.Food Prod	10-12
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A Supervised Agricultural Experience (SAE) is a structured experiential learning opportunity that takes place in a setting outside of regular school hours. Individual LEAs can choose whether or not to offer credit, provided participating students demonstrate mastery of the standards outlined below. SAEs allow students to experience the diversity of agriculture and natural resources industries and to gain exposure to agricultural related career pathways. SAEs require a documented formal project scope, accurate recordkeeping, and student advisor supervision.

Veterinary Science	2	1	Small & Large Animal	12
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Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. Upon completion of this course, students will be able to pursue advanced study of veterinary science at a postsecondary institution. This course satisfies one credit of laboratory science required for graduation (check with administration for NCAA requirements).

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
Veterinary Science Intern	2 or 4	1 or 2	Agriscience, Small Animal, Large Animal, Veterinary Science – can be enrolled in one course while completing intern)	12

ARTS, AUDIO/VISUAL TECHNOLOGY, & COMMUNICATIONS

Digital Arts & Design I	2	1	None	9-12
Digital Arts and Design I is a course that provides a foundation in visual communication concepts and design strategies.				

Digital Arts & Design II	2	1	Digital Arts & Design I	10-12
Digital Arts and Design II is a course that builds on the foundational core elements of visual communication concepts and design strategies, learned in (Digital Arts and Design I)				

Digital Arts & Design III	2	1	Digital Arts & Design II	11-12
Digital Arts & Design III is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three -dimensional designs.				

BUSINESS MANAGEMENT & ADMINISTRATION

Accounting I	2	1	Algebra I or Computer Applications	10-12
Accounting I introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records for a sole proprietorship, a partnership, and a corporation. It includes analyzing business transactions, journalizing, posting and preparing worksheets and financial statements.				

Advanced Computer Applications	2	1	Computer Applications	10-12
Advanced Computer Applications prepares students to continue postsecondary training in business-related programs, provides advanced training for students pursuing a career in administrative and information support, and supports obtaining an industry certification in specific software applications. Course content and projects are meant to simulate workplace scenarios and draw on skills related to communications, operations, management, and teamwork in order to accomplish information management goals.				

American Business Legal Systems	1	½	Computer Applications	9-12
The American Business Legal Systems course provides students with an understanding of the legal framework in which American business functions. The students will evaluate the influence of the free enterprise system in a democratic society on daily decisions. Students will analyze the alliance between capitalism and democracy and be better prepared to influence future decisions in the public and private sectors of the United States of America.				

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
<u>Business Communications</u>	<u>2</u>	<u>1</u>	<u>Computer Applications</u>	<u>10-12</u>

Business Communications is a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

<u>Business Management</u>	<u>2</u>	<u>1</u>	<u>Computer Applications</u>	<u>11-12</u>
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Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for faculty and students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvement as would a management consultant.

<u>Computer Applications</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
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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 social, business, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations.

<u>Introduction to Business and Marketing</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
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Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

EDUCATION & TRAINING

<u>Fundamentals of Education</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-10</u>
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Fundamentals of Education is a foundational course in the Education and Training career cluster for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the history of education in the United States, careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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<u>Teaching as a Profession I</u>	<u>2</u>	<u>1</u>	<u>Fundamentals of Education</u>	<u>10-12</u>
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Teaching as a Profession I (TAP I) is an applied-knowledge course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students in this course will conduct observations of educators at work and create artifacts for a course portfolio.

<u>Teaching as a Profession II</u>	<u>2</u>	<u>1</u>	<u>Fund. of Education & Teaching as a Prof I</u>	<u>11-12</u>
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Teaching as a Profession II (TAP II) is an applied knowledge course for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work.

FINANCE

<u>Accounting I</u>	<u>2</u>	<u>1</u>	<u>Alg. I, Computer Applications</u>	<u>10-12</u>
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Accounting I introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records for a sole proprietorship, a partnership, and a corporation. It includes analyzing business transactions, journalizing, posting and preparing worksheets and financial statements.

<u>Accounting II</u>	<u>2</u>	<u>1</u>	<u>Computer Applications and Acct. I</u>	<u>11-12</u>
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Accounting II is an advanced study of concepts, principles and techniques that build on the competencies acquired in Accounting I used in keeping the electronic and manual financial records of a sole proprietorship, a partnership and a corporation. Departmental, management, cost, and not-for-profit accounting systems are explored. This course will apply the theory and practices developed in Accounting I.

<u>Banking and Finance</u>	<u>2</u>	<u>1</u>	<u>Accounting I</u>	<u>10-12</u>
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Banking and Finance is designed to challenge students with real-world banking and financial situations through a partnership with a local financial institution. This business partnership should provide resources for faculty and students that include but are not limited to mentors, seminars, and hands-on experience with day-to-day banking operations.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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HEALTH SCIENCE

<u>Anatomy & Physiology</u>	2	1		11-12
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Health Science Education Anatomy and Physiology is a course in which students will examine human anatomy and physical functions. They will analyze descriptive results of abnormal physiology and evaluate clinical consequences. A workable knowledge of medical terminology will be demonstrated. Lab fee is required.

<u>Clinical Internship</u> (1 sem. 2 blocks each day)	1	1	Medical Therapeutics	12
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Students may choose to complete a clinical internship after completing Medical Therapeutics, Diagnostic Medicine, Health Informatics, Support Services, Rehabilitative Therapies, Pharmacological Services, Nursing Education, Biomedical Applications or Emergency Medical Services. The internships should be completed in a hospital, nursing home, rehab center, medical office, or other health care related facility. Students must have exemplary discipline and attendance and are required to get a TB assessment, to have a physical exam, and to purchase uniforms. Students must have a Hepatitis B vaccine, flu vaccine, varicella, MMR (documentation), CPR certification, and proof of health insurance. Student enrollment in this class is limited and strict attendance is required. Each student must pass a background check.

<u>Diagnostic Medicine</u>	2	1	Health Science	10-12
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Diagnostic Medicine is a second level course designed to prepare students to pursue careers in the fields of radiology, medical laboratory, optometry, and other patient diagnostic procedures. Upon completion of this course, proficient students will be able to describe new and evolving diagnostic technologies, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. In addition, students will continue to add artifacts to a portfolio, which they will continue to build throughout the program of study.

<u>Emergency Medical Services</u>	2	1	Health Science	10-12
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Emergency Medical Service (EMS) is designed for students interested in a career in pre-hospital or emergency patient care. Career options may include emergency room physician, emergency medical technician, paramedic, or emergency room nurse.

<u>Global Health & Epidemiology</u>	2	1	Health Science	11-12
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Global Health and Epidemiology is a comprehensive applied course in the Public Health program of study that places students at the intersection of health science and health policy. This course investigates the patterns, causes, and effects of diseases in a variety of populations, and how the provision of healthcare has changed in response to global needs. Successful international strategies Page 2 and programs will be examined. Upon completion of this course, proficient students will be able to interpret and communicate statistical information relating to the distribution of disease and mortality/morbidity in the United States and globally, determine national and international health disparities, analyze national and international health policies, and evaluate outcomes from a range of health interventions.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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<u>Health Science Education</u>	<u>2</u>	<u>1</u>	<u>None</u>	<u>9-12</u>
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This course is an introduction to broad standards that serve as a foundation for Health Care Occupations and functions across health services. Units included are academics in health care communications systems, legal responsibilities, ethics, teamwork, and safety practices.
NOTE: This course does not fulfill a science requirement for graduation.

<u>Medical Terminology</u>	<u>2</u>	<u>1</u>	<u>Health Science Education</u>	<u>11-12</u>
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Medical terminology is designed to develop a working knowledge of the language of health professions. Students acquire word building skills by learning prefixes, suffixes, roots, combining forms, and abbreviations. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Students will use problem-solving techniques to assist in developing an understanding of course concepts.

<u>Medical Therapeutics</u>	<u>1</u>	<u>1</u>	<u>Health Science Course & Bio. I or Chem.I</u>	<u>12</u>
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(1 sem. 2 blocks each day)

This course provides knowledge and skills to maintain or change to the health status of an individual over time. This could include such careers or career areas as dental, dietetics, medical assistance, home health, nursing, pharmacy, respiratory, social work, nutritionist, physician, psychiatrist, psychologist, veterinarian, gerontology service provider, medical practice owner, attorney for health care. 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. Student enrollment in this class is limited. Application process is required. Students must follow HIPAA and social media policies. Lab fee is required.

<u>Pharmacological Sciences</u>	<u>2</u>	<u>1</u>	<u>Health Science</u>	<u>10-12</u>
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Pharmacological Sciences is a third-level applied course in the Therapeutic Services program of study intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication, goal-setting, and information-processing skills to be successful in the workplace, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more. Upon completion of this course, proficient students who have also Page 2 completed a Clinical Internship can apply to sit for the Pharmacy Technician Certification Board examination immediately after high school graduation.

<u>Rehabilitation Careers</u>	<u>2</u>	<u>1</u>	<u>Health Science</u>	<u>10-12</u>
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This course will focus on enabling the person to live to the fullest capacity possible. Units will include sports medicine, physical therapy, occupational therapy, speech / language therapy, art, music, dance therapy, and others.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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HUMAN SERVICES

<u>Family Studies</u>	2	1	Intro to Human Studies	11-12
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Family Studies is an applied knowledge course that examines the diversity and evolving structure of the modern family. Course standards focus on the demographic, historical, and social changes of interpersonal relationships, as well as parenting, and the effect of stressors on the family. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

<u>Human Services Practicum</u>	2	1	None	12
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Human Services Practicum is a capstone course in the human services cluster that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses in the human services cluster. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training or through work-based learning arrangements such as cooperative education, mentoring, and job shadowing.

Introduction to

<u>Human Studies</u>	2	1	None	9-12
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Introduction to Social and Mental Health is a foundational for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, stay-at-home parent or community volunteer. This course covers the history of counseling, career investigation, stress management, mental illness, communication, and the counseling process. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

<u>Lifespan Development</u>	2	1	Intro to Human Studies	10-12
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Lifespan Development builds basic knowledge in human growth and development. The course standards include developmental theory, principles of growth, behavior of children from conception through adolescence, adult development and aging, and death and dying. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

<u>Nutrition Across the Lifespan</u>	2	1	Intro to Human Studies	10-12
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Nutrition across the Life Span is for students interested in learning more about becoming a dietitian, nutritionist, counselor, or pursuing a variety of scientific, health, or culinary arts professions. This course covers human anatomy and physiological systems, nutrition requirements, as well as social, cultural, and other impacts on food preparation and integrity. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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MARKETING

<u>Advertising and Public Relations</u>	2	1	Marketing I	11-12
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Advertising and Public Relations focuses on the concepts and strategies associated with promoting products, services, ideas, and/or images. This course teaches students to examine this field from the viewpoints of the creative staff, business person, and consumer.

<u>Introduction to Business and Marketing</u>	2	1	None	9-12
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Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

<u>Marketing and Management I (Principles)</u>	2	1	None	9 -12
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Marketing and Management I – Principles focuses on the study of marketing concepts and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions, and human resource leadership development. Skills in communication, mathematics, economics and psychology are reinforced in this course. This course will satisfy the graduation requirement for Economics; however, it is not recognized by NCAA Clearinghouse as an economics course.

<u>Marketing and Management II (Advanced Strategies)</u>	2	1	Marketing I	10-12
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This course is a study of marketing concepts and principles used in management. Students will examine challenges, responsibilities and risks managers face in today's workplace. Subject matter includes finance, entrepreneurship, risk management, marketing information systems, purchasing, human resource skills, and leadership development.

<u>Retail Operations</u>	2	1	Marketing I & Interview	12
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This course offers a comprehensive view of retail from general information about retailers, consumers and buying behavior to specific management, buying, systems and retail strategy.

COURSE NAME	SEMESTERS	CREDIT	PREREQUISITES	GRADE
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TENNESSEE COLLEGE OF APPLIED TECHNOLOGY (EPSO)

<u>Administrative Office Technology</u>	1 to 4	½ to 2	See Guidance Counselor	12
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The Administrative Office Technology program is designed to develop the skills, knowledge, and attitudes that office professionals need to secure good jobs and succeed in today's computerized offices as well as the more traditional office environments.

<u>Automotive Technology</u>	1 to 4	½ to 2	See Guidance Counselor	12
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This program is designed to meet the needs of business and industry. This program teaches current methods of servicing and maintaining today's automobiles. HS students will receive training in the following areas: Safety, Brakes, and Steering & Suspension.

<u>Computer Information Technology</u>	1 to 4	½ to 2	See Guidance Counselor	12
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The Computer Information Technology (CIT) program at Tennessee College of Applied Technology - Covington is a twenty-month training program designed to train students for career positions in Computer User Support, Field Service Repair, Network Administrator, or Computer Trainer. This program teaches a thorough understanding of the personal computer - how they work, how they process data, and how to apply its functions to solutions of personal, business, and industrial problems. Training involves a combination of skill assignments, virtual simulations and projects designed to provide students with actual job training experience.

Heating, Ventilation, Air

<u>Conditioning/Refrigeration</u>	1 to 4	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.

<u>Industrial Maintenance</u>	1 to 4	½ to 2	See Guidance Counselor	12
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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. Units of instruction include: electricity, fluid power, programmable logic controls, automated controls, and mechatronics.

<u>Machine Tool Technology</u>	1 to 4	½ to 2	See Guidance Counselor	12
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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 4	½ to 2	See Guidance Counselor	12
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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: OAW/SMAW (stick), MIG, TIG, Plasma and oxyacetylene cutting.

COLLEGE ADMISSION REQUIREMENTS TENNESSEE BOARD OF REGENTS AND UT SYSTEM

Effective January 1, 2014, the TBR agreed to accept the curriculum requirements as set by the Tennessee Department of Education with the implementation of the Tennessee Diploma Project of 2009. Admission will be granted to freshmen applicants who hold a recognized high school diploma that includes a distribution of college preparatory courses, such as those required in the core elements of the Tennessee High School Diploma. These courses include the following:

1. 4 Credits of English
2. 4 Credits of Math, including Algebra I and II, Geometry and a fourth higher level math
3. 3 Credits of Science, including Biology, Chemistry or Physics, and a third Lab Course.
4. 3 Credits of Social Studies, including United States History* and Geography, World History and Geography, U.S. Government and Civics, and Economics.

*T.C.A § 49-7-110 requires the completion of six semester credit hours of American History by any individual in any non-exempted area of study to be granted a baccalaureate of any kind from any institution of higher learning or community college supported or maintained by the state. Persons in exempted fields of study need not fulfill this requirement if they successfully completed a course in American History in high school. Any student has the option, at the student's request, to substitute three semester hours of Tennessee History for the American History requirement.

5. 1.5 Credits of Physical Education and Wellness
6. 2 Credits of a Single Foreign Language
7. 0.5 Credits of Personal Finance
8. 1 Credit of Fine Arts
9. 3 Credits of Electives consisting of Math and Science, Career and Technical Education, Fine Arts, Humanities, Advanced Placement (AP) or International Baccalaureate (IB)

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. For more information, the internet site is **www.ncaaclearinghouse.com**

NAIA 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 NAIA Eligibility Center. For more information, the internet site is **www.playnaia.org**

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

Tennessee and Tipton County Board Policies will have precedence over any information included in this book.