



Richland High School Program of Studies 2023-2024

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Graduation Requirements

Regular High School Diploma

Giles County Schools' students must complete **26 credits** to graduate with a regular high school diploma.

Requirement	Credits	Required Courses
English	4 credits	English 1, English 2, English 3, English 4 -Advanced Placement Language and Composition and Advanced Placement Literature may replace English III or English IV. ■ Advanced Placement Seminar combined with Advanced Placement Research may replace English IV. ■ Dual Enrollment English courses may count for English III and/or English IV
Math	4 credits	-Algebra 1, Geometry, Algebra 2, and fourth-level math *Students must be enrolled in a math course each year -Physics may count as a 4th math credit as long as the student has earned Algebra I, Geometry, and Algebra II credits. ■ Advanced Placement Calculus, Advanced Placement Statistics, Advanced Placement Computer Science, and Advanced Placement Physics may replace the fourth math credit. ■ Statewide Dual Credit Pre-Calculus or Statewide Dual Credit Statistics may replace the fourth math credit. ■ Dual Enrollment Math courses may count for the fourth math course. ■ *CTE Course Substitutions for a fourth-level math course ■ Principles of Agribusiness ■ Agriculture & Biosystems Engineering
Science	3 credits	Biology, Chemistry or Physics, and 3rd lab science course ■ Advanced Placement science courses, including Advanced Placement Computer Science, may count as a third lab science. ■ Dual Enrollment science courses may count for third lab science. ■ *CTE Course Substitutions for a third lab course ■ SDC: Introduction to Plant Science ■ Agriscience ■ Engineering Design 1 ■ Engineering Design 2 ■ Human Anatomy & Physiology ■ Veterinary Science ■ Plant & Soil Science
Social Studies	3 credits	World History, American History, Economics, and U.S. Government and Civics

		■ Advanced Placement Human Geography, Advanced Placement World History, or Advanced Placement European History may replace World History. ■ Advanced Placement U.S. History may replace American History. ■ Advanced Placement Macroeconomics or Advanced Placement Microeconomics may replace Economics. ■ Advanced Placement U.S. Government and Politics or Advanced Placement Comparative Government may replace U.S. Government and Civics. ■ Statewide Dual Credit World History and Statewide Dual Credit American History may replace World History and American History, respectively. ■ Dual Enrollment social studies courses may replace social studies requirements if aligned with required courses. ■ *CTE Course Substitutions for Economics or Government Course requirements ■ Agricultural Business & Finance (Economics) ■ Business Economics (Economics) ■ Entrepreneurship (Economics) ■ Marketing & Management I (Economics) ■ Retail Operations (Economics) ■ American Business Legal Systems (U.S. Government)
Wellness	1 Credit	Lifetime Wellness Course
Physical Education	.5 Credit	● This requirement may be waived if a student provides the school counseling office with 40 hours of documented physical activity in one of the following: any TSSAA-recognized sport, school-based cheerleading, school-based dance squad, or school-based marching band.
Personal Finance	.5 Credit	● *CTE personal Finance course can be used or Agriculture Business & Finance (if the teacher holds personal finance certification)
World Language	2 credits	Both credits must be in the same language This requirement may be waived if the student proves proficiency in a second language through a nationally normed world language proficiency test or if the student is approved for a world language waiver request and must complete 2 additional courses in the student's elective focus area.
Fine Art	1 credit	● This requirement may be waived if a student is approved for a Fine Art waiver request and earns an additional elective focus credit. ● Advanced Placement Art and Music courses may replace ● *CTE Course Substitutions for a Fine Arts Credit ○ Landscaping & Turf Science ○ Digital Arts I

Elective Focus	3 credits	- Three (3) credits must be earned in one of the programs of study listed below. These credits are in addition to the other required credits for graduation. - Math and Science - Humanities/Fine Arts - Career and Technical Education (CTE) - Advanced Placement
Other Electives	4 credits	
Other Graduation Requirements	No credits	- College Entrance Exam: All students must take either the ACT or SAT. The ACT is provided for free in the student's junior and senior years. - U.S. Civics Assessment: All students must take and pass the U.S. Civics assessment. - Civics Project-Based Assessment: All students must complete a civics-based project.

• **Elective Focus Guidelines**

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

The Elective Focus areas are

- **Math / Science**
 - This includes any Math or Science class above and beyond the seven (7) required Math and Science courses for graduation. A student must earn a minimum of 10 (ten) credits in Math / Science to have a Math / Science Elective Focus.
- **Humanities and Fine Arts**
 - This includes any Social Studies, English, World Language, music, band, chorus, theatre, art, or dance class above and beyond the one (1) Fine Arts credit required for graduation, the (4) required English courses for graduation, the (4) required Social Studies courses for graduation and the (2) required World Language courses for graduation.
- **Career Technical Education (CTE)**
 - **This includes three courses in the same CTE Focus Area.**
 - Advanced Manufacturing
 - Agriculture, Food, & Natural Resources
 - Architecture & Construction
 - Arts, Audiovisual Technology, and Communications
 - Business Management & Administration, Finance, Marketing
 - Education & Training
 - Health Science
 - Hospitality & Tourism
 - Information Technology
 - Law, Public Safety, Corrections, & Security
 - Science, Technology, Engineering, & Mathematics (STEM)

4. Advanced Placement: To achieve an Elective Focus in Advanced Placement, students must take at least three Advanced Placement courses and complete the three Advanced Placement Tests for those courses.

Occupational Diploma

Special education students who do not meet the requirements for a regular high school diploma may be awarded an occupational diploma if the student has:

1. Completed at least four (4) years of high school;
2. Made satisfactory progress on their IEP;
3. Maintained satisfactory records of attendance and conduct;
4. Completed the occupational diploma Skills, Knowledge, and Experience Mastery Assessment (SKEMA); and
5. Has two (2) years of paid or non-paid work experience.

The decision to attain an occupational diploma shall be made after the student's 10th-grade year or two (2) academic years before the expected graduation date.

Students who have received a special education diploma or an occupational diploma shall continue to make progress toward a regular high school diploma until the end of the school year in which they turn twenty-two (22) years old.

Alternate Academic Diploma

Special education students who do not meet the requirements for a regular high school diploma may be awarded an alternate academic diploma if the student has:

1. Completed at least four (4) years of high school;
2. Participated in the high school alternate assessments;
3. Earned the prescribed twenty-two (22) credit minimum;
4. Made satisfactory progress on their IEP;
5. Maintained satisfactory records of attendance and conduct; and
6. Completed a transition assessment that measures postsecondary education and training, employment, independent living, and community involvement.

Alternative Academic Diploma policy and course requirements can be supported within each student's least restrictive environment (LRE) as determined by their IEP team.

Special education students who have received an Alternative Academic Diploma within the four years plus one summer time limit are included in the graduation rate. Students may earn the diploma after this timeline; it will just not be reflected in the graduation rate.

Special education students who have received an Alternate Academic Diploma shall continue to make progress toward a regular high school diploma until the end of the school year in which they turn twenty-two (22) years old.

STUDENT LOAD

All full-time students in grades 9-12 shall be enrolled each semester in subjects that produce a minimum of five (5) units of credit for graduation per year. Students with hardships and gifted students may appeal this requirement to the director of schools and then to the board.

GRADUATION CEREMONY

In order to participate in the commencement exercises (graduation), a student must fulfill all graduation requirements as stipulated by the Tennessee Department of Education and the Giles County Board of Education.

EARLY GRADUATION

High school students shall be permitted to complete an early graduation program. Students intending to graduate early shall inform the school principal of this intent prior to the beginning of 9th grade or as soon thereafter as the intent is known. This is the TDOE Move on When Ready policy.

In order to graduate early, students must meet the following requirements:

1. Earn the required eighteen (18) credits;
2. Achieve a benchmark score for each required end-of-course exam;
3. Attain a cumulative GPA of at least 3.2 on a 4.0 scale;
4. Meet the minimum ACT or SAT benchmark score;
5. Obtain a qualifying benchmark score on a world language proficiency assessment; and
6. Complete at least two (2) types of the following courses:
 - a. AP;
 - b. IB;
 - c. Dual enrollment; or
 - d. Dual credit.

Class Ranking, Honors, Distinctions

Top Ten

To be eligible for ranking among the top ten high school seniors, students must complete and pass a minimum of six (6) Honors or Dual Enrollment credits and score a minimum of a 21 on the ACT composite.

State Distinction

Students will be recognized as graduating with “state distinction” by attaining a B or better average and completing one (1) of the following:

- (a) Earn a national and/or state-recognized industry certification;
- (b) Participate in at least one (1) of the Governor’s Schools;
- (c) Participate in one (1) of the state’s ALL State musical organizations;
- (d) Earn statewide recognition or award at a skill- or knowledge-based state tournament, convention, or competition hosted by a statewide student organization and/or qualify for national recognition by a national student organization;
- (e) Be selected as a National Merit Finalist or Semi-Finalist;
- (f) Attain a score of thirty-one (31) or higher composite score on the ACT or SAT equivalent;
- (g) Attain a score of three (3) or higher on at least two advanced placement exams;
- (h) Successfully complete the International Baccalaureate Diploma Programme; or
- (i) Earn twelve (12) or more semester hours of postsecondary credit.

District Distinction

Students shall be recognized as graduating with district distinction if they have met the graduation requirements, have obtained an overall grade point average of at least a 3.0 or higher on a 4.0 scale, and have earned an industry certification in his or her career interest category or a regionally-recognized industry certification.

Graduating with Honors

Students will be recognized as graduating with “honors” by attaining a 3.0 GPA and obtaining both of the following requirements:

- (i) **meeting all the benchmarks for all ACT or SAT Subtests**
 - (1) Reading Score 18**
 - (2) Math Score 22**
 - (3) English Score 22**
 - (4) Science Score 23**

Tennessee Scholars

A student who earns a composite score of nineteen (19) or higher on the ACT, or an equivalent score on the SAT, and earns a capstone industry certification as promoted by the Department of Education, shall be recognized as a Tennessee Tri-Star Scholar upon graduation from high school. The public high school shall recognize the student's achievement at the graduation ceremony by placing an appropriate designation on the student's diploma, or other credentials, or by providing a ribbon or cord to be worn with graduation regalia. The student shall be noted as a Tennessee Tri-Star Scholar in the school's graduation program

Enrollment in College Level Courses

Students in grades nine through twelve (9-12) may enroll in available advanced courses including, but not limited to, advanced English language arts, mathematics, or science courses.

To enroll in these courses, students shall meet the following standards:

1. Honors Courses: Earn a passing grade in prerequisite subjects and score met expectations or exceeded expectations on TCAP
2. Dual Credit Courses: Earn a passing grade in prerequisite subjects and score met expectations or exceeded expectations on TCAP
3. Industry Certification-Aligned Courses: Earn a passing grade in prerequisite subjects and score approaching expectations, met expectations or exceeded expectations on TCAP
4. Dual Enrollment: Earn a passing grade in prerequisite subjects and score met expectations or exceeded expectations on TCAP
5. Advanced Placement: Earn a passing grade in prerequisite subjects and score met expectations or exceeded expectations on TCAP
6. College Level Exam Program: Earn a passing grade in prerequisite subjects and score met expectations or exceeded expectations on TCAP

The principal of each school shall have the authority to require additional criteria for enrollment in advanced courses to fit the needs of the students within the school.

These courses may be offered at the high school, postsecondary institution, or online. If not offered on the high school campus, the Board shall not be responsible for transportation. Any tuition or fees due to enrollment in college-level courses are the responsibility of the parent(s)/guardian(s).

Grades earned in such college-level courses shall be used to determine class rank, grade point average, and class valedictorian or salutatorian.

Honors Courses and National Industry Certification Courses [GCBOE 4.600](#)

Local education agencies may elect to offer honors courses and National Industry Certification (NIC) courses. Local educational agencies electing to offer honors courses will ensure that the approved honors courses substantially exceed the content standards, learning expectations, and performance indicators as approved by the State Board of Education. Further, each local education agency offering honors courses will ensure that additional rigor is being provided by implementing the framework of standards for honors courses listed below:

1. Framework of Standards for Honors Courses

Honors courses will substantially exceed the content standards, learning expectations, and performance indicators approved by the State Board of Education. Teachers of honors courses will model instructional approaches that facilitate maximum interchange of ideas among students: independent study, self-directed research and learning, and appropriate use of technology. All honors courses must include multiple assessments exemplifying coursework (such as: short answer, constructed-response prompts, performance-based tasks, open-ended questions, essays, original or creative interpretations, authentic products, portfolios, and analytical writing). Additionally, an honors course shall include a minimum of five (5) of the following components:

- i. Extended reading assignments that connect with the specified curriculum
- ii. Research-based writing assignments that address and extend the course curriculum
- iii. Projects that apply course curriculum to relevant real-world situations. These need to include 21st century skills (critical thinking, collaboration, communication, and creativity), or other modes of sharing findings. Connection of the project to the community is encouraged.
- iv. Open-ended investigations in which the student selects the questions and designs the research
- v. Writing assignments that demonstrate a variety of modes, purposes, and styles
 - a. Examples of mode include narrative, descriptive, persuasive, expository, and expressive
 - b. Examples of purpose include to inform, entertain, and persuade
 - c. Examples of style include formal, informal, literary, analytical, and technical
- vi. Integration of appropriate technology into the course of study
- vii. Deeper exploration of the culture, values, and history of the discipline
- viii. Extensive opportunities for problem solving experiences through imagination, critical analysis, and application
- ix. Job shadowing experiences with presentations which connect class study to the world of work

All course types which meet the above framework will be classified as honors, eligible for additional percentage point weighting.

Giles County Work Ethics Distinction

-Giles County Work Ethics Distinction is a distinction supported by local industry and workforce development partners to help recognize and support students who demonstrate a work ethic that is needed to be successful in today's workforce. The Work Ethics Distinction rubric is below along with the application link.

Giles County Work Ethics Distinction

Giles County Work Ethic Distinction Rubric

Attendance Standard	Points	Points Earned
No more than 1 unexcused absence from school during senior year	5	
No more than 3 unexcused absences from school during senior year	3	
No more than 5 unexcused absences from school during senior year	1	

Tardiness Standard	Points	Points Earned
No more than 1 tardy from school during senior year	2	
No more than 3 tardies from school during senior year	1	

Discipline Standard	Points	Points Earned
No discipline referrals during senior year	2	
No more than 1 referral during senior year	1	

Drug Free Standard	Points	Points Earned
Student Voluntary presents proof of being drug free (must submit Drug Test)	4	

Overall Grade Point Average Standard	Points	Points Earned
Overall GPA above a 3.5 unweighted	3	
Overall GPA between 3.00-3.499 unweighted	2	
Overall GPA between 2.0-2.99 unweighted	1	

Career and Technical Education (CTE) Coursework Standard	Points	Points Earned
Student has earned 3 or more CTE credits by the end of senior year	3	
Student has earned 2 or more CTE credits by the end of senior year	2	
Student has earned 1 or more CTE credit by the end of senior year	1	

Career and Technical Education (CTE) Competition Standard	Points	Points Earned
Student has competed in an approved National-level CTE competition	3	
Student has competed in an approved State-level CTE competition	2	

Student has competed in an approved Regional-level CTE competition	1	
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Post-Secondary Exploration	Points	Points Earned
Conducted at least one postsecondary tour of a college, technical school, or apprenticeship program	2	

Dual Enrollment/ Credit Standard	Points	Points Earned
Student has earned credit for at least one Dual Enrollment, Dual Credit, or Advanced Placement course.	2	

Industry Certification Standard	Points	Points Earned
Student has earned a state or nationally-recognized industry certification before graduation	3	

Employed, Enlisted, or Enrolled Standard	Points	Points Earned
Student is registered or applied to a post-secondary institution, is employed, or has enlisted into military service.	4	

Career Readiness: ACT Standard	Points	Points Earned
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Student has earned College and Career benchmark in all sub-tests of the ACT	4	
Student has earned College and Career benchmark in 3 sub-tests of the ACT	3	
Student has earned College and Career benchmark in 2 sub-tests of the ACT	2	

Industry Awareness Standard	Points	Points Earned
Student has participated in Work-based learning, an apprenticeship, or internship in CTE related field.	3	

Community Service Standard	Points	Points Earned
Student has completed 30 hours or more in community service	3	
Student has completed 20 hours or more in community service	2	
Student has completed 10 hours or more in community service	1	

Total points earned: _____

Work Ethics Award Levels		
32 + points		

Application Link: [Click Here](#)

Other Graduation Recognitions

Students who voluntarily complete at least ten (10) hours of community service each semester the student is in attendance at a public high school shall be recognized at their graduation ceremony.

What is a Ready Graduate?

A Ready Graduate is a high school graduate who meets success milestones that increase the probability of seamlessly enrolling in post secondary education and securing high-quality employment.

To be a Ready Graduate, students are encouraged to meet one or more of the following indicators:

- ACT Composite score of 21 or higher
- SAT score of 1060 or higher
- Four Early Post Secondary Opportunities, or EPSOs
- Two EPSOs & pass an industry certification
- Two EPSOs & a 31 on a military entrance exam - the Armed Forces Qualification Test (AFQT) and the Armed Services Vocational Aptitude Battery (ASVAB)

What is an Early Post Secondary Opportunity?

An Early Post Secondary Opportunity, or EPSO, is a high school course or program that allows a student to gain college credit or industry certification. To earn an EPSO, the student must take the exam corresponding to the course or program, and in some cases, the student must earn a passing score on the exam to earn an EPSO.

Giles County Schools offers the following EPSOs in our academic programming:

- Advanced Placement Courses (must complete the course and attempt the exam to earn an EPSO)
- Dual Enrollment Courses (must complete the course to earn an EPSO)
- Statewide Dual Credit Courses (must complete the course and attempt the exam to earn an EPSO)
- Industry Certification Exams (must earn a passing score on exam or complete licensure requirements)
- CLEP Exam (must complete CLEP exam and earn a passing score)

TN Department of Education	AP Advanced Placement	CIE Cambridge	CLEP College Level Exam Program	DE Dual Enrollment	IB International Baccalaureate	LDC Local Dual Credit	SDC Statewide Dual Credit	IC Industry Certification
Description	• College-level high school courses offered in multiple subjects • Nationally recognized exams	• High school academic programs • Internationally recognized exams	• Nationally recognized exams used to assess college-level knowledge • Exams offered in multiple subjects	• Postsecondary (PS) course taught at the PS institution, high school, or online • Student enrolled in the PS institution	• Academically challenging course of study offered at the high school level • Internationally recognized exams	• High school course aligned to standards at local postsecondary (PS) institution • Optional exam for credit at local PS institution	• High school course aligned to statewide postsecondary (PS) standards • Required challenge exam for PS credit at TN institutions	• Assessment by an independent certifying entity based on standards for knowledge, skills, and competencies
Structure	Course and Exam	Course and Exam	Exam	Course	Course and Exam	Course and Exam	Course and Exam	Exam
Provider	The College Board	Cambridge International Examinations	The College Board	Individual TN PS Institutions	International Baccalaureate Organization	Individual TN PS Institutions	Tennessee Department of Education	Industry
Student Fees and Assistance	• Exam fees • College Board and state assistance for low-income students	• Exam fees • State assistance for low-income students	• Exam fees	• Course tuition, fees, books • Dual Enrollment Grant (a lottery scholarship)	• Exam fees • State assistance for low-income students	• Exam fees	• No cost to students	• Exam fees
High School Credit and Graduation Requirements	• AP courses meet graduation requirements and/or elective credit	• Cambridge courses meet graduation requirements and/or elective credit	• CLEP is not a course and does not meet high school graduation requirements	• District sets policy on awarding high school credit and graduation requirements	• IB courses meet graduation requirements and/or elective credit	• LDC course fulfills the same requirements as aligned high school course	• SDC course fulfills the same requirements as aligned high school course	• IC is a program of study and does not meet graduation requirements
High School Recognition State Policies	• Qualifies for graduation with state distinction • Qualifies for GPA weighting	• Qualifies for graduation with state distinction • Qualifies for GPA weighting	• CLEP is not a course and does not meet high school graduation requirements	• Qualifies for graduation with state distinction • Qualifies for GPA weighting	• Qualifies for graduation with state distinction • Qualifies for GPA weighting	• Score on challenge exam at or above the established cut score	• Score on challenge exam at or above the established cut score	• Qualifies for graduation with state distinction
Postsecondary Credit Determinant	• Score on AP exam	• Grade in Cambridge AS or A level subject	• Score on CLEP exam	• Dual enrollment course completion • Passing grade as assigned by PS instructor	• Score on IB SL or HL exam	• Score on challenge exam at or above the established cut score	• Score on challenge exam at or above the established cut score	• Score on industry certification exam
Postsecondary Credit Awarded	• Determined by postsecondary institutions • Awarded upon matriculation	• Determined by postsecondary institutions • Awarded upon matriculation	• Determined by postsecondary institutions • Awarded upon matriculation	• Credit awarded on PS transcript upon course completion • Credit can be transferred to other PS institutions	• Determined by postsecondary institutions • Awarded upon matriculation	• Credit accepted at the partnering PS institution • Students should notify registrar upon matriculation	• Credit accepted at all TN PS institutions • Students should notify registrar upon matriculation	• Determined by postsecondary institutions

Grading System

Schools teaching grades nine (9) through twelve (12) shall use the uniform grading system established by the State Board of Education. Using the uniform grading system, students' grades shall be reported for the purposes of an application for post-secondary financial assistance administered by the Tennessee Student Assistance Corporation.

Subject-area grades shall be expressed by the following letters with their corresponding percentage range:

- A (90-100)
- B (80-89)
- C (70-79)
- D (60-69)
- F (0-59)

Advanced coursework grades shall be weighted with additional percentage points to calculate the semester average. Depending on the course taken, the following percentage points shall be assigned:

- Honors Courses – three (3) percentage points;
- Local and Statewide Dual Credit, Capstone Industry Certification Aligned, and Dual Enrollment Courses – four (4) percentage points; and
- Advanced Placement, Cambridge International, College Level Exam Program (CLEP), and International Baccalaureate Courses – five (5) percentage points.

Honor Roll

[GCBOE Board Policy 4.6021](#)

A HONOR ROLL

To be eligible for the A Honor Roll, students must have all A's for the grading period in all courses.

A/B HONOR ROLL

To be eligible for the A Honor Roll, students must have a minimum of one (1) A and no grade lower than a B in all courses for the grading period.

Unless a student or parent/guardian of a student objects, the names of honor roll students may be released to the news media

Credit Recovery

[GCBOE Board Policy 4.210](#)

The Director of Schools shall ensure that credit recovery facilitators receive training regarding course organization, online instruction management, and related technology.

Credit recovery teachers shall comply with all State Board of Education certification requirements.

ADMISSION AND REMOVAL

No student shall be admitted to or otherwise enrolled in credit recovery courses unless:

1. The student's parent/guardian gives written consent for the student to enroll in the proposed credit recovery course. Parent(s)/guardian(s) shall be informed that not all postsecondary institutions will accept credit recovery courses for credit and that the NCAA Clearinghouse will not accept credit recovery courses for credit; and
2. The student has previously taken an initial, non-credit recovery section of the proposed course and received a grade of at least fifty percent (50%). Students who receive a grade of below fifty percent (50%) in the non-credit recovery section of the course must re-take the course.

If a student is seeking to recover credit for the first semester of a two-semester course, the student may not receive the full credit for the course until he/she has enrolled in and passed the second semester of the course and taken any applicable End of Course examinations.

The Board shall track students enrolled in credit recovery courses as directed by the Tennessee Department of Education.

INSTRUCTION AND CONTENT

Credit recovery teachers shall work closely with credit recovery facilitators to correlate class content and instruction.

The Director of Schools shall ensure that all credit recovery courses:

1. Align with Tennessee's current academic standards for the relevant course content area, as approved by the State Board of Education; and
2. Differentiate instruction to address individual student growth needs based on diagnostic assessment or End of Course data.

Students in credit recovery programs shall:

1. Complete a course skill-specific diagnostic to determine skill-specific goals;
2. Meet individual skill-specific goals in a flexible time frame as established by identified student need; and
3. Master all individualized skill-specific goals as established by the diagnostic process in order to earn credit.

GRADES

Students passing credit recovery shall receive a grade of seventy percent (70%) under the state uniform grading system. If the district utilizes a locally-adopted grading scale that differs from the uniform grading scale, a student passing credit recovery shall receive a D.3

**** Scheduling**** Students will be scheduled based on academic advisement through school counselors and aligned with graduation requirements with career goals in mind. Course requests may not always be honored due to various factors.

Career and Technical Education Programs of Study

Career and Technical Education Programs of Study

Each Career Cluster is divided into a Program of Study that includes four levels of courses that build on each other as the student progresses throughout high school. Each level of courses provides a rigorous, industry-aligned deep dive into the specifics of that career.

For example, Career Cluster Agriculture, Food, & Natural Resources can be broken down into the Veterinary and Animal Science program of study. If a student chooses this Program of study they will take the following classes:

Level 1: Agriscience/ Honors Agriscience

Level 2: Small Animal Science

Level 3: Large Animal Science

Level 4: Veterinary Science and/or Veterinary Clinical Internship

A student must earn two or more credits within a Program of Study to be considered a CTE Concentrator. A third course within the same Career Cluster meets the graduation requirement for an elective focus.

Early Post-Secondary Opportunities (EPSOs)

Early Post-Secondary Opportunities include industry certification tests, Dual Enrollment/Credit courses, or challenge exams that give students the opportunity to earn credit in both postsecondary and career fields. Industry certification tests such as OSHA-10, are aligned to courses to help promote student readiness to enter the workforce or attend a postsecondary institution. Dual Enrollment/Credit courses allow students to earn postsecondary credit at community colleges, technical colleges, or universities through class enrollment or challenge exams given at the conclusion of the course. EPSOs allow students to become familiar with postsecondary rigor, save time and money in progression to obtain postsecondary credentials, and make decisions regarding their career choice. CTE offers many EPSOs to ensure all students have the opportunity to be equipped to be college and career ready. Each Program of Study will have EPSOs list to the right of each course.

Career and Technical Student Organizations

Career and Technical Student Organizations (CTSOs) play a vital role in developing students both in and outside the classroom. These organizations offer competitive events, leadership training, and additional instruction opportunities for students to improve their learning in a particular career cluster. CTSOs help improve the quality of each of our career clusters and we highly encourage that your student participates to receive the maximum quality each cluster has to offer. Each cluster is accompanied by one or more CTSOs. To learn more visit the Career and Technical Student Organizational page.

Graduation Requirement Course Substitutions

Several Career and Technical Education courses have been added this year after the Department's CTE and Standards and Materials teams reviewed all CTE courses to determine which ones had sufficiently rigorous content to count toward one of the required courses (for example, had strong science content and therefore could count toward the third lab science). This will allow students greater flexibility in taking rigorous courses aligned to their career interests.

- Fourth Year Math CTE Substitutions
 - Principles of Agribusiness
 - Agriculture & Biosystems Engineering
 - AP Computer Science Principles
- Third Year Lab Science CTE Substitutions
 - SDC: Introduction to Plant Science
 - Agriscience
 - Nutrition Science & Diet Therapy
 - Engineering Design I
 - Engineering Design II
 - Human Anatomy & Physiology
 - Environmental Science
 - Dual Enrollment Human Anatomy & Physiology I
 - Dual Enrollment Human Anatomy & Physiology II
 - Veterinary Science
 - Food Science & Safety
 - Natural Resources Management
 - Advanced Food Science
 - Plant and Soil Science
 - BioSTEM I
 - BioSTEM II
 - BioSTEM III
- Economics CTE Substitutions
 - Agricultural Business & Finance
 - Business Economics
 - Entrepreneurship
 - Marketing & Management I
 - Retail Operations
 - Virtual Enterprise International
- Fine Arts CTE Substitutions
 - Landscaping & Turf Science
 - Digital Arts & Design I
 - Foundations of Fashion Design
 - Foundations of Interior Design
 - Web Design Foundations
- Personal Finance Graduation Requirement can be obtained in Agriculture Business & Finance if the teacher has obtained Personal Finance Teaching Certification

General Work-Based Learning CTE Courses

- Work-Based Learning Courses allow students the opportunity to gain experience in a paid or unpaid setting during the school day. This can be both on or off-campus. Work-Based Learning (WBL) gives students real-world application experience before entering the workforce or post-secondary training.

C25H16 Work-Based Learning: Career Practicum (WBL) CTE Program of Study Focused

- **1 credit, up to 2 credits per year, open to grades 11 & 12**
- Admission into this class is by application only. A student must have a 90% attendance rate for the semester immediately preceding enrollment in this class. Their place of employment must correlate to their chosen Elective Focus and a significant portion of the hours worked must be during the normal school day.

Students must be enrolled in a CTE that is related to their job. Students must maintain school attendance of a minimum of 90%, passing grades in all courses, and be able to legally drive to the job site. This course allows students to leave the school campus daily to gain real-world occupational experience.

C25H15 Successful Skills Through Service Learning (WBL) General WBL

- **1 credit, open to grades 11 & 12**
- A program, which combines volunteer service and classroom instruction and provides a comprehensive approach. Focuses on ethical, social and intellectual skill development of students; development of positive values such as trustworthiness and responsibility; commitment to a task and those involved in the task; collaboration; team-building, punctuality, and respect for the quality of work done while serving the community.

Advanced Manufacturing Programs of Study (Dual Enrollment at TCAT Pulaski)

Mechatronics Courses and Sequencing

- **Level 1- C13H04 Dual Enrollment Mechatronics 1**
 - **Open to 11th and 12th grade students**
 - **EPSO: Dual Enrollment course through TCAT**
 - Mechatronics I is an applied course in the manufacturing cluster for students interested in learning more about careers as a mechatronics technician, maintenance technician, electromechanical technician, and manufacturing engineer. Upon completion of this course, proficient students are able to describe and explain the basic functions of physical properties and electrical components within a mechatronic system. They can logically trace the flow of energy through a mechatronic system and can communicate this process to others. They know how to effectively use technical documentation such as datasheets, schematics, timing diagrams, and system specifications to troubleshoot basic problems with equipment.
- **Level 2- C13H21 Dual Enrollment Mechatronics 2**
 - **EPSO: Dual Enrollment course through TCAT**
 - Mechatronics II is an advanced course in the manufacturing career cluster for students interested in learning more about such careers as mechatronics technician, maintenance technician, or electromechanical technician. Following the groundwork of mechanics and electronics laid in Mechatronics I, this course covers the basics of pneumatic, electro-pneumatic, and hydraulic control circuits in a complex mechatronic system. In addition, the course addresses basic digital logic and programmable logic controllers (PLCs) employed in the mechanical, electronic, and control systems in a mechatronics system.
- **Level 3 -C13H22 Dual Enrollment Mechatronics 3**
 - **Open to 11th and 12th grade students**
 - **EPSO: Dual Enrollment course through TCAT**
- **Level 4 -C13H23 Dual Enrollment Mechatronics 4**
 - **Open to 11th and 12th grade students**
 - **EPSO: Dual Enrollment course through TCAT**

Optional Course that can replace any Level 4 CTE Course

- **C25H16 Work-Based Learning: Career Practicum (WBL)**
 - **1 credit, up to 2 credits per year, open to grades 11 & 12**
 - Admission into this class is by application only. A student must have a 90% attendance rate for the semester immediately preceding enrollment in this class. Their place of employment must correlate to their chosen Elective Focus and a significant portion of the hours worked must be during the normal school day.
Students must be enrolled in a CTE that is related to their job. Students must maintain school attendance of a minimum of 90%, passing grades in all courses, and be able to legally drive to the job site. This course allows students to leave the school campus daily to gain real-world occupational experience.

Welding Courses (Dual Enrollment TCAT-Pulaski)

- **Level 1- C13H03 WELDING I DE**
 - **open to 11th and 12th-grade students that meet dual enrollment requirements**
 - **EPSO: Dual Enrollment course through TCAT**
 - Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer-aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of the Welding I course, students will understand the requirements to pursue the American Welding Society (AWS) Entry Welder qualification and examination and will be prepared to undertake more advanced welding coursework.
- **Level 2- C13H18 WELDING II DE**
 - **open to 11th and 12th-grade students that meet dual enrollment requirements**
 - **EPSO: Dual Enrollment course through TCAT**
 - Welding II is a continuation of Welding I as it is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer-aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of the Welding I course, students will understand the requirements to pursue the American Welding Society (AWS) Entry Welder qualification and examination and will be prepared to undertake more advanced welding coursework.
- **Level 3- C13H38 WELDING III DE**
 - **open to 11th and 12th-grade students that meet dual enrollment requirements**
 - **EPSO: Dual Enrollment course through TCAT**
 - Welding II is a continuation of Welding I as it is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer-aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of the Welding I course, students will understand the requirements to pursue the American Welding Society (AWS) Entry Welder qualification and examination and will be prepared to undertake more advanced welding coursework.
- **Level 4- C13H27 WELDING IV DE**
 - **open to 11th and 12th-grade students that meet dual enrollment requirements**
 - **EPSO: Dual Enrollment course through TCAT**
 - Welding II is a continuation of Welding I as it is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer-aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of the Welding I course, students will understand the requirements to pursue the American Welding Society (AWS) Entry Welder qualification and examination and will be prepared to undertake more advanced welding coursework.

Agriculture and Natural Resources Programs of Study

Agriculture Programs of Study

- Agriculture, Engineering, Industrial, and Mechanical Systems
- Horticulture Science
- Elective Courses

Agriculture Engineering, Industrial, and Mechanical Systems Courses and Sequencing

- **Level 1-C18H19 Agriscience or C18H19H Honors Agriscience**
 - **1 credit, Open to grades 9 & 10**
 - **Satisfies third-year lab science graduation credit**
 - **EPSO: OSHA 10 Industry Certification, Ducks Unlimited Ecology Conservation & Management Certification**
 - Agriscience & Honors Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. It serves as the first course for all programs of study in the Agriculture, Food, and Natural Resources Cluster. The content area covers ecology, biological processes, sexual and asexual reproduction, and the study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.
- **Level 2-C18H12 Principles of Agricultural Mechanics**
 - **1 credit, prerequisite(s): Agriscience or Honors Agriscience**
 - **EPSO: OSHA 10 Industry Certification/ Briggs & Stratton Small Engine Basic Certification**
 - This course introduces 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.
- **Level 3-C18H13 Agriculture Power and Equipment**
 - **1 credit, prerequisite(s): Agriscience, Principles of Agricultural Mechanics**
 - **EPSO: Briggs & Stratton Master Service Technician**
 - The course includes basic information and laboratory activities on small engines, tractors, and agricultural equipment maintenance, repair, and overhaul. Standards address competencies for electrical motors, hydraulic systems, and fuel-powered engines.
- **Level 4-C18H42 Agricultural Fabrication and Biosystems Engineering**
 - **1 credit, prerequisite(s): Agriscience, Principles of Agricultural Mechanics**
 - **Satisfies the fourth year math graduation credit**
 - **EPSO: OSHA 30 Industry Certification**
 - This is an applied 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 many modern applications or geographical information systems (GIS) and global positioning systems (GPS) to achieve various agricultural goals.
- **(option 2) Level 4 C18H40 Unmanned Aircraft Systems in Agriculture**
 - **1 credit, prerequisite(s): Agriscience, Principles of Agricultural Mechanics**
 - **EPSO: FAA Remote Pilot Certification (Part 107)**
 - The Unmanned Aircraft Systems (UAS) in Agriculture course is an advanced course in Agriculture, Food, and Natural Resources career cluster intended to meet the needs of specific applications of advanced UAS precision technologies specific to the agriculture, food, and natural resources industry. Students will receive rigorous instruction in preparation to take the the Federal Aviation Administration (FAA) remote Pilot Certification (Part 107)

(less than 55 pounds) exam for the commercial drone pilots for small Unmanned Aircraft Systems (sUAS) and develop specific knowledge and skills associated with specific sUAS technologies, platforms and precision attachments to monitor, map and provide data to make agricultural management and production recommendations.

Horticulture Science Courses and Sequencing

- **Level 1-C18H19 Agriscience or C18H19H Honors Agriscience**
 - **1 credit, Open to grades 9 & 10**
 - **Satisfies third-year lab science credit**
 - **EPSO: OSHA 10 Industry Certification, Ducks Unlimited Ecology Conservation & Management Certification**
 - Agriscience & Honors Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. It serves as the first course for all programs of study in the Agriculture, Food, and Natural Resources Cluster. The content area covers ecology, biological processes, sexual and asexual reproduction, and the study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.
- **Level 2-C18H30 Principles of Plant Science & Hydroculture**
 - **1 credit, prerequisite(s): Agriscience or Honors Agriscience**
 - This course focuses on standards that challenge students to plan for future food needs using advanced technologies and less space. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics
- **Level 3 -C18H09 Introduction to Plant Science State-Wide Dual Credit (AGRI1030) or (C18H17 Greenhouse management course)**
 - **1 credit, prerequisite(s) Agriscience, Principles of Plant Science & Hydroculture, Biology 1**
 - **This class is also a Dual Credit class. A student must pass a challenge exam to receive Post-Secondary credit.**
 - **Satisfies third-year lab science graduation credit**
 - **EPSO: Statewide Plant Science Dual Credit (Introduction to Plant Science AGRI1030), EPSO: Intro to Ornamental Horticulture Dual Credit Exam (MTSU) Challenge Exam**
 - This course covers topics to prepare students to be successful in all plant science-based careers. Topics covered include plant anatomy, reproduction, classifications, nutrition, and pest management. Greenhouse structures and production techniques are also covered.

Architecture & Construction Programs of Study

Residential & Commercial Construction

- **Level 1-C17H15 Fundamentals of Construction**
 - **1 credit, open to grades 9 & 10**
 - **EPSO: OSHA 10 Industry Certification**
 - Fundamentals of Construction is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials. Students will begin compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.
- **Level 2 -C17H24 Residential & Commercial Construction I**
 - **1 credit, prerequisite(s): Fundamentals of Construction**
 - Residential & Commercial Construction I is the second course in the Residential & Commercial Construction program of study intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will be able to perform concrete work; frame walls, ceilings, and floors of a structure; and install proper wiring while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts. Standards in this course also include principles of the construction industry and business and project management. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.
- **Level 3 -C17H25 Residential & Commercial Construction II**
 - **2 credits, prerequisite(s): Fundamentals of Construction, Residential and Commercial Construction I**
 - **EPSO: OSHA 30**
 - Residential & Commercial Construction II is the third course in the Residential & Commercial Construction program of study intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the later phases of building construction, including roofing systems, exterior finishing, stair framing systems, masonry systems, and plumbing systems. Students will be able to perform masonry work; frame roofs; install shingles on roofs; apply exterior finishes, and install proper piping for plumbing systems while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

- **Level 4 -C17H22 Construction Practicum**
 - **1 credit, prerequisite(s): Fundamentals of Construction, Residential and Commercial Construction I, Residential and Commercial Construction II**
 - Construction Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Architecture & Construction courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by tradesmen and contractors in the workplace, students learn to refine their skills in problem-solving, communication, teamwork, and project management in the completion of a course-long project. Additionally, students are exposed to a great range of postsecondary opportunities in today's construction fields as well, in order to prepare them to make an informed decision regarding their post-high school plans. The course is highly customizable to meet local system needs. Upon completion of the practicum, proficient students will be prepared to pursue further study in architecture or construction or seek additional training and employment with the aid of a portfolio documenting student work completed throughout high school.

Business Management & Administration Programs of Study

- Business Management
- Office Management

Business Management Courses and Sequencing

- **Level 1 -C12H26 Introduction to Business and Marketing**
 - **1 credit, open to grades 9 & 10**
 - 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.
- **Level 2 -C12H16 Business Communications**
 - **1 credit, prerequisite(s): Introduction to Business and Marketing**
 - This course is designed to develop students' effective oral, written, and electronic communication skills. This course cultivates skills in multiple methods of correspondence, including social media, electronic publishing, design, layout, composition, and 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. Students will use a variety of computer software and hardware tools currently used within the industry, with an emphasis on design and digital communication features to present information.
- **Level 4 -C12H17 Business Management**
 - **1 credit, prerequisite(s): Introduction to Business and Marketing**
 - 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.
- **Optional Level 4 -C12H44 Statewide Dual Credit Induction to Business**
 - **1 credit, prerequisite(s): Introduction to Business and Marketing, Accounting I and/or Accounting II, English I and II**

Office Management Courses and Sequencing

- **Level 1 -C12X00 Computer Applications**
 - **1 credit, open to grades 8-12.**
 - **EPSO: MOS Industry Certifications**
 - This course is designed to develop computer technology skills and basic proficiency in word processing, spreadsheets, databases, and presentations. Students will use a variety of computer software and hardware tools, features of an electronic information network, and common software applications. Students will explore the historical, social, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production; accurate production analysis; management of information, and design and presentation of a multimedia project.
- **Level 2 -C12H16 Business Communications**
 - **1 credit, prerequisite(s): Introduction to Business and Marketing or Computer Applications**
 - This course is designed to develop students' effective oral, written, and electronic communication skills. This course cultivates skills in multiple methods of correspondence, including social media, electronic publishing, design, layout, composition, and 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. Students will use a variety of computer software and hardware tools currently used within the industry, with an emphasis on design and digital communication features to present information.
- **Level 3 -C12H17 Business Management**
 - **1 credit, prerequisite(s): Introduction to Business and Marketing or Computer Applications, and Business Communications**
 - 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.

Business Management Courses for Elective Credit

- **Level 4- C25H16 Work-Based Learning: Career Practicum (WBL)**
 - **1 credit, up to 2 credits per year, open to grades 11 & 12**
 - Admission into this class is by application only. A student must have a 90% attendance rate for the semester immediately preceding enrollment in this class. Their place of employment must correlate to their chosen Elective Focus, and a significant portion of the hours worked must be during the normal school day.
Students must be enrolled in a CTE that is related to their job. Students must maintain school attendance of a minimum of 90%, passing grades in all courses, and be able to legally drive to the job site. This course allows students to leave the school campus daily to gain real-world occupational experience.

- **C12H21 Business Economics or C12H21H Honors Business Economics**
 - **1/2 credit, open to grades 11 & 12**
 - **satisfies 1/2 credit of Economics graduation requirement**
 - This course provides an in-depth study of fundamental concepts, free enterprise trading practices, and the various players in the economic system. Topics include the production, marketing, and distribution of goods and services, as well as the roles of financial institutions, the government, and the individual within the free enterprise system. Students will explore various careers related to the economy. International trade and economics have become an integral part of Business Economics.
- **C12H20 American Business & Legal Systems or C12H20H Honors American Business & Legal Systems**
 - **1/2 credit, open to grades 10, 11, & 12**
 - **satisfies 1/2 credit of Government graduation requirement**
 - 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.

Education & Training Programs of Study

- Teaching as a Profession

Teaching as a Profession Courses and Sequencing

- **Level 1 - C32H33 Introduction to Teaching as a Profession**
 - **1 credit, open to grades 9 & 10**
 - The Fundamentals of Education course is designed to assist interested students in learning more about becoming involved in careers relating to the field of education. 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 to build throughout the program of study.
- **Level 2 - C32H01 Teaching as a Profession I**
 - **1 credit, prerequisite(s): Fundamentals of Education**
 - Teaching as a Profession 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.
- **Level 3 - C32H02 Teaching as a Profession II**
 - **1 credit, prerequisite(s): Fundamentals of Education, Teaching as a Profession I**
 - Teaching as a Profession 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.
- **Level 4 - C32H03H Honors Teaching as a Profession Practicum (WBL)**
 - **1 credit, prerequisite(s): Fundamentals of Education, Teaching as a Profession I & II**
 - Teaching as a Profession III is a capstone course in the Education and Training Cluster for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education fields. In addition, students will complete an internship and continue to create artifacts for their student portfolios.
- **Level 4- Statewide Dual Credit Introduction to Teaching**

Optional Finance Courses

- **C29H11 Personal Finance**
 - **1/2 credit, open to grades 9-12**
 - Personal Finance is a foundational course designed to inform students how individual choices directly influence occupational goals, future earning potential, and long-term financial well-being. The standards in this course cover decision-making skills related to goal setting, producing income, budgeting, saving, borrowing, managing risk, and investing.

Health Science Programs of Study

- Nursing Services (TCAT Only)
- Therapeutic Services
- Emergency Services

Nursing Services (Through TCAT Pulaski Only)

- **Level 1 C14H03 Dual Enrollment Nursing Services I**
 - **1 credit, prerequisite(s): Health Science Education, Medical Therapeutics, & Anatomy & Physiology**
- **Level 2 C14H27 Dual Enrollment Nursing Services II**
 - **1 credit, prerequisite(s): Health Science Education, Medical Therapeutics, & Anatomy & Physiology**
 - **EPSO: CNA (Certified Nursing Assistant)**

Therapeutic Services

- **Level 1 -C14H14 Health Science Education**
 - **1 credit, open to grades 9 & 10**
 - Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health services administration, diagnostics, and support services. Upon completing this course, a proficient student will be able to identify careers in these fields, 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.
- **Level 2 or 3 option 1 -C14H15 Medical Therapeutics**
 - **1 credit, prerequisite(s): Health Science Education**
 - **EPSO: OSHA-10 Industry Certification**
 - Explores career opportunities and issues in health care while focusing on leadership development, anatomy and physiology, medical microbiology, pharmacology, and basic skills. Upon successful completion of this course, students will have basic skills, such as checking blood pressure, and will be taught the basics of lifesaving techniques, such as CPR and first aid.
- **Level 2 or 3 Option 2-C14H09H Honors Anatomy & Physiology or C14H09 Anatomy & Physiology**
 - **1 credit, prerequisite(s): Health Science Education**
 - **Satisfies 3rd lab science graduation requirement credit**
 - Health Science Education Anatomy, and Physiology is a course in which students will examine human anatomy and physical functions. They will analyze the descriptive results of abnormal physiology and evaluate clinical consequences. Workable knowledge of medical terminology will be demonstrated.
- **Level 3 Option 1 -C14H20 Pharmacological Sciences**

- **1 credit, prerequisite(s): Health Science Education**
- **EPSO: Certified Pharmacy Technician (CPT) Industry Certification**
- This course is designed to provide technical instruction and skill development for the student to become gainfully employed in the pharmacy field. The purpose of the Pharmacy Technician program is to provide learning experiences that enable graduates to obtain the basic competencies needed for employment as a Pharmacy Technician in either the institutional or retail setting. A technician is an individual who, under the supervision of a pharmacist, assists in the performance of activities of the pharmacy department, not requiring the professional judgment of a pharmacist. Technicians must be appropriately trained for the functions performed. Upon successful completion of this course and graduation from High School, the student will be eligible to take the state exam for Certified Pharmacy Technician
- **Level 4 -C14H11 Clinical Internship (WBL course)**
 - **1 credit, prerequisite(s): Health Science Education, Anatomy & Physiology, & Medical Therapeutics**
 - **Placement in this class is by application only. Drug screenings, immunization, TB skin test, and physicals may be required before you participate in certain rotations. A 90% attendance rate is required in order to receive credit in this class. Students must have completed two health science classes, with one of them being from any health science.**
 - The internships are designed to be completed in a hospital, nursing home, rehab center, medical office, dental office, or other healthcare facility, depending on the elective focus the student has selected.
- **Level 4 Option 2 -C14H10 Medical Assisting**
 - **1 credit, prerequisite(s): Health Science Education**
 - **EPSO: Clinical Medical Assistant (CCMA)**
 - Medical Assisting is a level 2 or level 3 course designed to prepare students to pursue careers in medical assisting. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a medical assistant. At the conclusion of this course and an appropriate clinical internship, students may sit for the Certified Clinical Medical Assistant (CCMA) exam.

Emergency Services

- **Level 1 -C14H14 Health Science Education**
 - **1 credit, open to grades 9 & 10**
 - Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health services administration, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, 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.
- **Level 2 or 3 option 1 -C14H15 Medical Therapeutics**

- **1 credit, prerequisite(s): Health Science Education**
- **EPSO: OSHA-10 Industry Certification**
- Explores career opportunities and issues in health care while focusing on leadership development, anatomy and physiology, medical microbiology, pharmacology, and basic skills. Upon successful completion of this course, students will have basic skills, such as checking blood pressure and will be taught the basics of lifesaving techniques such as CPR and first aid.
- **Level 2 or 3 Option 2-C14H09H Honors Anatomy & Physiology or C14H09 Anatomy & Physiology**
 - **1 credit, prerequisite(s): Health Science Education**
 - **Satisfies 3rd lab science graduation requirement credit**
 - Health Science Education Anatomy and Physiology is a course in which students will examine human anatomy and physical functions. They will analyze the descriptive results of abnormal physiology and evaluate clinical consequences. Workable knowledge of medical terminology will be demonstrated.
- **Level 4 - C14H24 Emergency Services Practicum**
 - **1 credit, prerequisite(s): Health Science Education, Medical Therapeutics, Anatomy & Physiology**
 - **EPSO: Emergency Medical Responder, IS-100.C: Introduction to the Incident Command System, IS-200.C: Basic Incident Command System for Initial Response**
 - Emergency Medical Services Practicum is a capstone course in the Emergency Services program of study 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 Emergency Services program of study. 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.

Information Technology Programs of Study (through TCAT only)

- **Level 1 C10H02 Dual Enrollment Networking Systems I**
- **Level 2 C10H29 Dual Enrollment Networking Systems II**
- **Level 3 C10H36 Dual Enrollment Networking Systems III**
- **Level 4 C10H37 Dual Enrollment Networking Systems IV**
 - The mission of the Computer Operating System and Network Technology Program is to provide the information technology industry with CompTIA (Computing Technical Industry Association) certified personnel. Students will be provided the highest quality technical training and job-related skills in Computer and Network Servicing and Cybersecurity Fundamentals. The program is intended to provide the theoretical and mechanical skills needed to perform successfully in specifying, assembling, and installing new systems, diagnosing and correcting system failure, maintaining and upgrading existing systems, and establishing, training and practicing cybersecurity principals.

Law, Public Safety, Corrections, & Security Programs of Study

- Criminal Justice & Correction Services

Criminal Justice & Correction Services Courses & Sequencing

- **Level 1 - C30H00 Criminal Justice I**
 - **1 credit, open to grades 9 & 10**
 - **EPSO: IS-100.C: Introduction to the Incident Command System**
 - Criminal Justice I is the first course in the Criminal Justice and Correction Services program of study. It serves as a comprehensive survey of how law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement.
- **Level 2 - C30H01 Criminal Justice II**
 - **1 credit, prerequisite(s): Criminal Justice I**
 - **EPSO: IS-200.C: Basic Incident Command System for Initial Response**
 - Criminal Justice 2 will offer an in-depth study of criminal investigations and will highlight the training and education needed to compete for jobs within these careers. Current and future investigative techniques, as well as crime scene investigation methods, will be presented, and students will have opportunities to participate in mock-trials and mock-crime scenes with criminal justice careers emphasis.
- **Level 3 - C30H11 Statewide Dual Credit Criminal Justice**
 - **1 credit, prerequisite(s): Criminal Justice I, II**
 - Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of the scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies. Upon completion of this course, proficient students will be able to identify careers in forensic science and criminology, summarize the laws that govern the application of forensic science and draw key connections between the history of the forensic science system and the modern legal system.
- **Level 4 - C30H03H Honors Criminal Justice Practicum (WBL)**
 - **1 credit, prerequisite(s): Criminal Justice I,II, & III**
 - Criminal Justice Practicum is a capstone course in the Law Enforcement and Correction Services program of study 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 Law Enforcement and Correction Services program of study. 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.

Marketing, Distribution, and Logistics Programs of Study

- Entrepreneurship

Entrepreneurship

- **Level 1- C31H23 Introduction to Entrepreneurship**
 - **1 credit, open to grades 9 & 10**
 - Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations after the course. Upon conclusion of this course, proficient students will be able to articulate and defend elements of a full business plan for a new business.
- **Level 2 - C12H29 Marketing and Management I: Principles or C12H29H Honors Marketing and Management I**
 - **1 credit, prerequisite(s): Introduction to Business & Marketing**
 - **Satisfies the Economics graduation credit**
 - Marketing and Management I: Principles focus on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development.
- **Level 3 - C31H05 Entrepreneurship**
 - **1 credit, prerequisites Introduction to Entrepreneurship and Marketing and Management 1**
 - Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course. Upon conclusion of this course, proficient students will be able to articulate and defend, elements of a full business plan for a new business.
- **Level 4 Option 1- Virtual Enterprise International**
 - **1-2 credits, prerequisites Introduction to Entrepreneurship and Marketing and Management 1, Entrepreneurship**

- **Satisfies ½ credit of Economic graduation credit**
- Virtual Enterprises International (VE) is a simulated business environment. The VE students will be involved in actual on-the-job work experiences, including accounting, personnel administration, management, and marketing. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. However, services will be provided. Working in teams, students will develop and enhance oral and written communication skills through initiative, responsibility, and creativity. The VE experience will weave together several academic disciplines and occupational subjects, thereby overcoming the fragmentation of subjects. The course will link learning to applications and real-life experiences. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. Laboratory facilities and experiences simulate those found in business and industry. Virtual Enterprise International 1 credit substitutes for Economics credit.
- **Level 4 Option 2 - C12H35 Business & Entrepreneurship Practicum**
 - **1 credit, prerequisites Introduction to Entrepreneurship and Marketing and Management 1, Entrepreneurship**
 - Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor or in collaboration with a business incubator. The standards in this course can also be used to promote student participation in work-based learning (WBL) experience through an internship or other off-campus or virtual arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures or continue their studies at the postsecondary level.

Optional Course that can replace any Level 4 CTE Course

- **C25H16 Work-Based Learning: Career Practicum (WBL)**
 - **1 credit, up to 2 credits per year, open to grades 11 & 12**
 - Admission into this class is by application only. A student must have a 90% attendance rate for the semester immediately preceding enrollment in this class. Their place of employment must correlate to their chosen Elective Focus, and a significant portion of the hours worked must be during the normal school day. Students must be enrolled in a CTE that is related to their job. Students must maintain school attendance of a minimum of 90%, passing grades in all courses, and be able to legally drive to the job site. This course allows students to leave the school campus daily to gain real-world occupational experience.

General Education Courses by Subject

English Language Arts Graduation Requirement

To satisfy graduation requirements, each student must earn four credits of English Language Arts:

- English I,
- English II,
- English III, and
- English IV.

*Some Advanced Placement and Dual Enrollment courses can fulfill English III and English IV requirements.

English Language Arts Courses and Descriptions

English I (G01H09)

English I includes coursework to address the TNREADY standards covering language, communication, writing, research, logic, informational text, media, and literature. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

- Grade Level: 9
- Prerequisite: None
- Minimum Credit: 1
- Maximum Credit: 1

Honors English I (G01H09H)

Honors English I is geared toward advanced students and requires independent reading and study outside of the classroom. English II includes coursework to address the TNREADY standards covering language, communication, writing, research, logic, informational text, media, and literature. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 9

- Prerequisite: Based on student data
- Minimum Credit: 1
- Maximum Credit: 1

English Language Arts Intervention (G01H19)

- Grade Level: 9, 10, 11
- Prerequisite: None
- Minimum Credit: 1
- Maximum Credit: 3

English II (G01H10)

English II includes coursework to address the TNREADY standards covering language, communication, writing, research, logic, informational text, media, and literature. The overall objective of the course is to

afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 10

- Prerequisite: English I
- Minimum Credit: 1
- Maximum Credit: 1

Honors English II (G01H10H)

Honors English II is geared toward advanced students and requires independent reading and study outside of the classroom. English II includes coursework to address the TNREADY standards covering language, communication, writing, research, logic, informational text, media, and literature. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 10

- Prerequisite: English I
- Minimum Credit: 1
- Maximum Credit: 1

English III (G01H11)

English III is designed to develop the critical reading and writing skills necessary to meet the demands of college and career readiness. This class emphasizes Tennessee's rigorous literacy standards and mastery

of the ACT and uses a strong evaluation and accountability framework based on multiple factors, including language, communication, writing, research, logic, informational text, media, and literature. Students develop a command of the English language in an environment rich in listening, speaking, researching, and writing. Writing tasks include three modes: narrative, informative/explanatory, and argumentative. English III focuses on understanding the nuances of language and the evolution of language rules to communicate in a social context leading to success in post-secondary and workforce environments. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Students are exposed to High-Quality Instructional Materials (HQIM) and build knowledge through content-rich texts. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 11

- Prerequisite: English I and II
- Minimum Credit: 1
- Maximum Credit: 1

Honors English III (G01H11H)

Honors English III is designed to develop the critical reading and writing skills necessary to meet the demands of college and career readiness. Honors English III is geared toward advanced students and requires independent reading and study outside of the classroom. This class emphasizes Tennessee's rigorous literacy standards and mastery of the ACT and uses a strong evaluation and accountability framework based on multiple factors, including language, communication, writing, research, logic, informational text, media, and literature. Students develop a command of the English language in an environment rich in listening, speaking, researching, and writing. Writing tasks include three modes: narrative, informative/explanatory, and argumentative. English III focuses on understanding the nuances of language and the evolution of language rules to communicate in a social context leading to success in post-secondary and workforce environments. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Students are exposed to High-Quality Instructional Materials (HQIM) and build knowledge through content-rich texts. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 11

- Prerequisite: English I and II
- Minimum Credit: 1
- Maximum Credit: 1

AP Language and Composition (G01H17) (AP Access for All)

Grade Level: 11 or 12

- Prerequisite: English I and II
- Minimum Credit: 1

- Maximum Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

English IV (G01H13)

English IV is designed to develop the critical reading and writing skills necessary to meet the demands of college and career readiness. This class emphasizes Tennessee's rigorous literacy standards and mastery of the ACT and uses a strong evaluation and accountability framework based on multiple factors, including language, communication, writing, research, logic, informational text, media, and literature. Students develop a command of the English language in an environment rich in listening, speaking, researching, and writing. Writing tasks include three modes: narrative, informative/explanatory, and argumentative. English IV focuses on understanding the nuances of language and the evolution of language rules to communicate in a social context leading to success in post-secondary and workforce environments. The overall objective of the course is to afford students the opportunity to grow and succeed academically in order to be prepared for standardized assessments as well as vocational, collegiate, or other post-secondary goals. The course uses *myPerspectives* district-adopted curriculum. Students are exposed to High-Quality Instructional Materials (HQIM) and build knowledge through content-rich texts. Reading, writing, speaking, and listening are integrated within *myPerspectives*. Each thematic unit is aligned to an Essential Question and includes texts of multiple genres. Students analyze complex texts, study their academic language and author's craft, and apply close reading strategies. Following the reading, students respond to rigorous questions and complete tasks to ensure they comprehend the text. Students analyze texts through the eyes of a reader and writer, create their own compositions, and complete the Performance-Based Assessment—all while exploring the Essential Question of the unit. Students will develop the critical reading and writing skills necessary to meet the demands of college and career readiness.

Grade Level: 12

- Prerequisite: English I, II, III
- Minimum Credit: 1
- Maximum Credit: 1

AP Literature and Composition (G01H18) (AP Access for All)

Grade Level: 12

- Prerequisite: English I, II, III
- Minimum Credit: 1
- Maximum Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

ESL 9-12*(G22H04)

This English Language Development course is for students who have a proficiency of 3.5 or higher on language proficiency assessment and who are enrolled in English with ESL supports.

English Language Arts Electives

Note: These courses can count as electives towards a student's Humanities and Fine Arts elective focus

area.

Creative Writing (G01H16)

The student will be given the opportunity to develop a creative outlet through additional writing experiences in fiction and/or nonfiction. This elective expands on writing standards W.TTP.1-W.TTP.3. Students often have the opportunity to experience expository writing in the classroom but have little time to develop imaginative writing. Creative Writing allows them to promote self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format. In the course, students will develop fluency, logic, clarity, and creativity; write for a variety of audiences; explore diverse modes and genres of writing; utilize evaluation and revision skills; focus on the steps of the process of writing; and use available technology in the creative process. Students will learn strategies for accessing memory and will practice using sense and specific detail to create a clear, precise image. This course offers opportunities for students to analyze and create children's literature with written and drawn elements, personal essays and memoirs, a variety of short-story techniques, poetry, dialogue, and biographical sketches. Students will participate in collaborative workshops to review peer work and offer feedback with revision opportunities.

Grade Level: 9, 10, 11, 12

- Prerequisite: English I
- Minimum Credit: 1
- Maximum Credit: 1

Preparing for ACT, Postsecondary, & Career (G25H00)

ACT Prep

The central goal of ACT Prep is to increase the ACT subscore in English as well as the composite score, which includes the four areas of English, Reading, Math, and Science. For the English section, students are given 45 minutes to answer 75 multiple-choice questions. For the Reading section, students are given 35 minutes to answer 40 multiple-choice questions. In ACT Prep, the student will be given the opportunity to develop essential skills in the standard categories of English, Reading, and Writing. Students will complete a pretest to determine individual strengths and weaknesses, which will then become the focus of supporting lessons to promote improvement. Students will be informed of test-taking strategies, note-taking techniques, questioning and thinking skills, and vocabulary development. Participants may view videos by successful examinees and informed instructors or watch clips that promote goal setting and positive thinking. ACT Prep encourages students to achieve self-confidence in test preparation and foster a positive mental outlook on the advantages of being a well-informed test participant. Each section of ACT Prep is taught by an instructor in the appropriate field. The standards for the ACT test may be found on the ACT website.

Grade Level: 9, 10, 11, 12

- Prerequisite: None
- Minimum Credit: 1
- Maximum Credit: 1

Honors Genre Literature (G01H01H)

The student will read and examine a variety of literary works belonging to specific genres. The purpose of the class is for students to understand and analyze the qualities and defining features of a selected genre.

The areas that will be examined for each literary genre are thematic elements, style, setting, characters, and plot. The student will also be expected to read widely in a chosen genre, participate in collaborative conversations about works in a genre, and write about the literary genre to create a new understanding of the genre. Genres that will be options for the focus of the class are as follows: Ancient Literature, Classical Literature, Contemporary Literature, Mystery/Thriller, Historical Fiction, Conflict Literature, Sci-Fi and Fantasy, Westerns, Young Adult Literature, and Graphic Novels. Through completion of this course, the student will have the tools necessary to recognize and articulate the elements of a work of literature back to its respective genre.

Grade Level: 9, 10, 11, 12

- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit:1

Film as Literature (Visual Literacy) (G01H05)

The student will explore a variety of media topics and genres that will be used as the focal points of discussion, writing, projects, and interpretation. Using the TN English Language Arts Standards as the foundation for the course, the student will examine and critique selected media through the lens of the artist, the audience, pop culture, classical media styles, and many other areas of reference. A core focus of this course is for students to be able to interpret and recognize the ways in which the many types of media they consume can be traced back to a single style of expression that has been built upon throughout time. The types of media covered will include—but are not limited to—movies, television shows, artwork, cartoons, comics, music videos, and album art. Topics can include—but are not limited to—animation, computer-generated imagery, action, dystopian societies, comedy, paintings, and drawings. By completing this course, the student will walk away with a better understanding of and appreciation for the many elements that go into the creation of a particular media.

Grade Level: 9, 10, 11, 12

- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit:1

Journalism I (G01H15)

Students in Journalism I support the production of the school yearbook.

Grade Level: 10, 11, 12

Prerequisite: English I

Minimum Credit: 1

Maximum Credit: 2

Journalism II Y/N (G01H02)

Students in Journalism II support the production of the school yearbook.

Prerequisite: English I

Minimum Credit: 1

Maximum Credit: 2

Fine Arts Graduation Requirement

In order to meet graduation requirements, a student must earn 1.0 credit in a fine arts class.

*Approved dual enrollment Fine Arts courses may meet this requirement.

*Students may seek approval to waive the fine art requirement to take an additional course in their elective focus area.

*Many colleges and universities include a fine arts credit in their admissions requirements. Please research the admissions requirements for colleges of interest prior to seeking an approval for a fine art waiver request.

*CTE Course Substitutions for a Fine Arts Credit

- Landscaping & Turf Science
- Digital Arts I
- Web Design Foundations

Fine Arts Courses and Descriptions

Visual Arts: Comprehensive I (G05H08)

This course offers students studio experiences in drawing, painting, and two-and three dimensional design with an emphasis on art elements. It is based on the National Standards for Art Education: understanding and applying media, techniques and processes; using knowledge of structures and functions; choosing and evaluating a range of subject matter, symbols and ideas; understanding the visual arts in relation to history and cultures; reflecting upon and assessing the characteristics and merits of their work and the work of others; and making connections between visual arts and other disciplines. In addition, students will learn the basics of art history and read and write art critiques.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1
- Maximum Credit:1

Visual Arts: Comprehensive II (G05H09)

Students will focus their art studies on 2-dimensional media, most specifically observational drawing and painting. Projects will also include printmaking and mixed media. Art History, note taking, reading, writing, art criticism, and maintaining a productive sketchbook are also part of the curriculum.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

AP Art History (G05H25) (through AP Access for All)

AP Art History is a college-level course which strives to develop in students an understanding and knowledge of the diverse historical and cultural contexts of art and architecture. Instruction focuses on visual analysis; however, students will read regularly from the assigned textbook, participate in group activities, complete written assignments, and occasionally work on studio projects (time permitting). The AP Art History exam takes place in May. A strong background in World History and/or European History is strongly recommended. Completion of Visual Art I is helpful, but not required. The scope of the course follows the topics listed in the College Board Advanced Placement Course Description. Successful completion of this course will prepare students to take the AP exam with the possibility of earning college credit.

- Grade Level: 10, 11, 12
- Prerequisite: None
- Credit: 1
- This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.

General Music (G05H11)

A study of the elements (pitch, rhythm, harmony, tone quality, form), history, and the role of music in today's society. The course will encourage active participation in performing and creating music through a balanced,

comprehensive, and sequential program of study. In addition, a correlation between music, the other arts, and academic disciplines will be included.

- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- Credit: 1

Instrumental Music Beginners (G05H81)

An organized class that provides musical performance and study for students with no or limited band experience.

The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation.

Participation in school and public performances is required.

- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- Credit: 1

Instrumental Music-Marching/Concert Band (G05H82)

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

- Grade Level: 9, 10, 11, 12
- Prerequisite: 1 year of band experience
- Credit: 1
- Maximum Credit: 4

Guitar I G05HA9

Guitar II G05HB0

Theater Arts I (G05H16)

This course is an overview of all aspects of theatre. Students will study both performance and non-performance facets of theatre including theater terminology, introductory theatre history, fundamentals of acting, and acting styles. Students will gain experience in speaking and acting. Time outside of class is required to fulfill the obligations of this course.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Theater Arts II (G05H17)

In this course, students will focus on the history of theatre and a more in-depth acting experience. They will study and perform one-act plays, as well as various scenes from the different historical genres. The course will emphasize the process of acting: auditions, rehearsals, relaxation techniques, dialogue, character analysis, and the production process. Time outside of class is required to fulfill the obligations of this course.

- Grade Level: 10, 11, 12
- Prerequisite: Theatre I
- Credit: 1

Theater Arts III (G05H18)

In this course, students will study more in depth the various acting techniques and exercises available to professional actors. Students will take a more involved role in production with attention to directing, theatre safety,

polishing acting skills, resumes, and all of the other aspects of theatre that support a full-scale performance. Considerable time outside of class is required to fulfill the obligations of this course.

- Grade Level: 11, 12
- Prerequisite: Theatre II
- Credit: 1

Theater IV (G05H19)

Theatre IV is designed as preparation for students who are seriously considering a post-secondary study of theatre or a career involving theatre. Students will have intense training in play analysis, and do in-depth study of theatre. They will assume leadership and responsibility for technical and production aspects of theatre in presentations. Considerable time outside of class is required to fulfill the obligations of this course.

- Grade Level: 12
- Prerequisite: Theatre III
- Credit: 1

Mathematics Graduation Requirement

Students must be enrolled in a mathematics course each school year, and students pursuing a regular diploma must earn credits in Algebra I, Geometry, Algebra II, and a fourth higher-level math course.*

The following courses may also count as a 4th math credit:

- Honors Physics I may count as the fourth math credit as long as the student has earned Algebra I, Geometry, and Algebra II credits.
- Advanced Placement Calculus, Advanced Placement Statistics, Advanced Placement Computer Science, and Advanced Placement Physics may count as the fourth math credit.
- Statewide Dual Credit Pre-Calculus or Statewide Dual Credit Statistics may count as the fourth math credit.
- Dual Enrollment Math courses may count for the fourth math course.
- *CTE Course Substitutions for a fourth-level math course
 - Principles of Agribusiness
 - Agriculture & Biosystems Engineering
- *Students with qualifying disabilities as documented in the IEP are required to complete Algebra I and Geometry to earn a regular high school diploma. Students must be enrolled in a math class for each year of high school for four consecutive years.
- *Many postsecondary institutions require the completion of Algebra II for admissions. Please check with the postsecondary institutions in which you would like to enroll to ensure you meet all the necessary math requirements for admission.
- **Students who score below a 19 on the Mathematics ACT subtest will be placed in Bridge Math or SAILS

Algebra IA and Algebra I B (G02H03/ G02H04)

This two-year, two-course sequence is designed for students with exceptionalities in mathematics as documented in the student's IEP. These courses will explore and apply concepts, processes, and skills that are essential to completing the high school graduation requirement of Algebra I. Students in the first year will learn to integrate prealgebra and introductory algebra skills. In the second year, students will spend more time developing intermediate algebraic thinking and problem-solving skills to apply to real-world situations.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Mathematics Exceptionality
- Credit: 1 credit for each course
- credit for each course

- **Algebra 1 Extended Part 1 and Part 2 (G02H01/G02H02)**

This course includes properties of the real number system, linear and quadratic systems, inequalities, operations on real numbers and polynomials, exponents and radicals. Students learn the language of

algebra and practice the application of algebraic concepts to real world problems. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- Credit: 1 credit for each course

- **Honors Algebra I (G02H00H)**

This course is for students who did exceptionally well in middle school mathematics. Course content covers the topics of Algebra I in greater depth and at a faster pace, providing time for enrichment through the study of additional performance objectives. As part of the requirement for this honor's level course, students must complete rigorous assignments which may include complex problem-solving, research that involves reading/writing assignments, investigations and explorations, advanced use of technology and making connections within the discipline and to the workplace.

- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- Credit: 1

- **Geometry (G02H11)**

This course is a survey of the fundamental and advanced concepts of plane geometry and the related topics in three-dimensional, coordinate and transformational geometry. The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Mathematical Practice Standards apply throughout this course and, together with the content standards, allow students to experience mathematics as a coherent, useful, and logical subject that capitalizes on their ability to make sense of problem situations.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credit: 1

- **Honors Geometry (G02H11H)**

This course covers all topics of Geometry at a significantly faster pace, in greater depth, and with supplemental topics. Strong analytical thinking skills beyond the rigors of algebraic computation are essential for this course, which strongly emphasizes the concept of proof. As part of the requirement for this honor's level course, students must complete rigorous assignments which may include complex problem-solving, research that involves reading/writing assignments, investigations and explorations, advanced use of technology and making connections within the discipline and to the workplace.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credit: 1

- **Algebra II (G02H05)**

Algebra II emphasizes polynomial, rational and exponential expressions, equations, and functions with a greater focus on application problems. This course focuses on gaining a deeper understanding of the topics presented in the curriculum. This course also introduces students to the complex number

system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credit: 1

- **Honors Algebra II (G02H05H)**

Algebra II Honors emphasizes polynomial, rational and exponential expressions, equations, and functions with a greater focus on application problems. This course focuses on gaining a deeper understanding of the topics presented in the curriculum. This course also introduces students to the complex number system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credit: 1

- **Mathematics Intervention (G02H22)**

This course is designed to support students' learning of the mathematical skills necessary to be successful in high school mathematics courses. Students may be required to participate in this course based on student mathematics data.

- Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credit: 1
- Maximum Credit: 4

- **Bridge Math (G02H41)**

This course is designed to introduce concepts previously studied in a new approach. Connections will be made between concepts allowing for a more in-depth understanding of topics and for problem solving applications. Students will look at multiple representations of concepts, blend their new understanding of topics with applications, and have the opportunity to model contextual situations. Concepts to study will include linear and quadratic functions, similar triangles and proportions, angle properties, scientific notations, polynomial arithmetic, radical expressions and probability. **This course is required for students who score below 19 on the Math portion of the ACT.**

- Grade Level: 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

- **SAILS Math (G02H41S)**

The Seamless Alignment and Integrated Learning Support (**SAILS**) program targets students that have not achieved college readiness benchmarks by introducing the college developmental curriculum into the high school senior year. Developed by K-12 teachers and higher education faculty at Chattanooga State Community College, SAILS embeds the Tennessee Board of Regents (TBR) Learning Support competencies into the high school senior year math course utilizing a blended learning model.

- Grade Level: 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

- **Applied Mathematical Concepts (G02H42)**

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II

- Credit: 1

- **Honors Pre-Calculus (G02H23H)**

Topics covered in this course are as follows: Equations, Inequalities, Properties of Functions, Models, Functions, Trigonometric Functions, Triangles, and Circles. Students will have an opportunity to complete an exam at the end of the course to receive college credit as well as have a strong background for a first year Calculus sequence. As part of the requirement for this honor's level course, students must complete rigorous assignments which may include complex problem-solving, research that involves reading/writing assignments, investigations and explorations, advanced use of technology and making connections within the discipline and to the workplace.

- Grade Level: 10, 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

- **Statewide Dual Credit Pre-Calculus (G02H74)**

Topics covered in this course are as follows: Equations, Inequalities, Properties of Functions, Models, Functions, Trigonometric Functions, Triangles, and Circles. Students will have an opportunity to complete an exam at the end of the course to receive college credit as well as have a strong background for a first year Calculus sequence. As part of the requirement for this honor's level course, students must complete rigorous assignments which may include complex problem-solving, research that involves reading/writing assignments, investigations and explorations, advanced use of technology and making connections within the discipline and to the workplace.

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

- **AP Calculus AB (G02H24) (Through AP Access for all only)**

This course is

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II, Pre-Calculus
- Credit: 1

- *This course qualifies as an EPSO if students complete the course and attempt the exam.

- **AP Calculus BC (G02H25) (Through AP Access for all only)**

This course reviews

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II, Pre-Calculus
- Credit: 1

- *This course qualifies as an EPSO if students complete the course and attempt the exam.

- **Statewide Dual Credit Introduction to Probability and Statistics (G02H75)**

Elementary Statistics is an introduction to data analysis course that makes use of graphical and numerical techniques to study patterns and departures from patterns. The student studies randomness with emphasis on understanding variation, collects information in the face of uncertainty, checks distributional assumptions, tests hypotheses, uses probability as a tool for anticipating what the distribution of data may look like under a set of assumptions, and uses appropriate statistical models to draw conclusions from data.

- Grade Level: 10, 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

- **AP Statistics (G02H26) (through AP access for all)**

This course introduces students to

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

- **Preparing for ACT, Postsecondary, & Career (G25H00)**

This course provides students with skills and competencies needed to be successful on the ACT. Students will become familiar with the format and the scoring of the ACT, learn test taking skills, and receive individualized instruction to improve scores.

- Grade Level: 11, 12
- Prerequisite: None
- Credit: 1

- **Other Courses for 4th Math Credit**

Honors Physics I (G03H20H)

Physics Honors is a course that studies the interaction between matter and energy. Topics include mechanics, thermodynamics, waves and sound, light and optics, electricity and magnetism, and atomic and nuclear physics. Physics is a math-based course that involves the application of mathematical principles and problem solving, graph interpretation, laboratories, and lab reporting. Strong math and analytical thinking skills are important. There is much more emphasis on mathematics than standard physics. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter. This course may count as a 4th math credit.

- Grade Level: 10, 11, 12
- Prerequisite: Biology, Algebra I, Geometry, Algebra II concurrently
- Credit: 1

- **AP Computer Science A (G02H44) (through AP access for all)**

Computer science embraces problem solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. As the study of computer science is evolving, the careful design of the AP Computer Science Principles course and exam continues to strive to engage a diverse student population, including female and underrepresented students, with the rigorous and rewarding concepts of computer science. Students who take the AP Computer Science Principles course and exam are well prepared to continue their study of computer science and its integration into a wide array of computing and STEM-related fields. This course may count as a 4th math credit.

- Grade Level: 11, 12
- Prerequisite: NA
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

- **Agricultural Fabrication and Biosystems Engineering (C18H22)**

This CTE course includes basic technologies of metal fabrication and agricultural structures. Also includes hot/cold metal work, and material computation, electric wiring and codes, blueprint reading and drawing and selection of appropriate materials for projects. This course may count as a 4th math credit.

- Grade Level: 11, 12
- Prerequisite: Principles of Agricultural Mechanics
- Credit: 1

Graduate On Time (G25H10)

Credit recovery is a course-specific, standards based extended learning opportunity for students who have previously been unsuccessful in mastering the standards required to receive course credit. Credit recovery programs, in general, have a primary focus of helping students stay in school and graduate on time. Students must have parents complete and sign the Credit Recovery Application before participating in credit recovery.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Minimum Credit: 0
- Maximum Credit: --

Physical Education Graduation Requirement

To meet the requirements for graduation, a student must complete 1.0 credit in Lifetime Wellness and .5 credit in an elective physical education course. A student may earn no more than a total of 8 P.E./Wellness credits.

The .5 Physical Education requirement may be met by substituting a documented and equivalent time of physical activity in marching band, cheerleading, dance team, or TSSAA interscholastic athletics; however a .5 Physical Education credit is not awarded for participating in one of these activities.

Physical Education Courses and Descriptions

Lifetime Wellness (G08H02)

This course is required for graduation and recommended for grade 9. Lifetime Wellness is a course that develops positive concepts toward an active, healthy lifestyle. Physical fitness activities such as aerobics, line-dancing, volleyball, badminton, table tennis, basketball, indoor/outdoor fitness games, etc. comprise units in the class structure that require students to dress appropriately in order to perform the activities. Classroom units covering disease prevention, mental health, stress management, nutrition, drug/alcohol/ tobacco prevention, first aid/CPR, and human sexuality are included in this course.

Grade Level: 9, 10, 11, 12

- Prerequisite: NA
- Credit: 1

Physical Education I (G08H00)

This course is designed to introduce the students to the fundamentals of specific individual and team sports which include skills, rules, and game strategy. There will also be non-competitive educational gymnastics, dance, weightlifting, aerobic, and anaerobic training.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: .5

Physical Education II (G08H01)

In this course students are expected to attain a proficient level in specific individual and team sports which will include skills, rules, and game strategy. There will also be non-competitive educational dance, weightlifting, aerobic, and anaerobic training.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Physical Education II WI (G08H01W1)

The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometric skills. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Physical Education II WII (G08H01W2)

The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometrics. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Physical Education II WIII (G08H01W3)

The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometrics. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Science Courses and Descriptions

Graduation Requirement: Biology, Chemistry or Physics, and 3rd lab science course

- Advanced Placement science courses, including Advanced Placement Computer Science, may count as a third lab science.
- Dual Enrollment science courses may count for third lab science.
- *CTE Course Substitutions for a third lab course
 - SDC: Introduction to Plant Science
 - Agriscience
 - Engineering Design 1
 - Engineering Design 2
 - Human Anatomy & Physiology
 - Veterinary Science
 - Plant & Soil Science

Biology I (G03H03)

Biology is the study of living organisms. Students will investigate the following: molecules to organisms, ecosystems, heredity, and biological change.

- Grade Level: 9-12
- Prerequisite: NA
- Minimum Credit: 1
- Maximum Credit: 1

Honors Biology I (G03H03H)

This is a more in-depth study of topics presented in biology. Students will be asked to integrate scientific facts into abstract processes

- Grade Level: 9-10
- Prerequisite: NA
- Minimum Credit: 1
- Maximum Credit: 1

Biology IA & Biology IB (G03H06/G03H07)

This two year course sequence introduces students with qualifying disabilities to the world of living things, including basic life processes at the molecular, cellular, systemic, organisms, and ecological levels of organizations within the biosphere.

- Grade Level: 9, 10
- Prerequisite: Must be approved by IEP team
- Minimum Credit: 1 per course
- Maximum Credit: 1 per course

Regular Biology II (G03H09)

The academic standards for high school Biology II are built on the foundation provided by Biology I.

- Grade Level: 10, 11, 12
- Prerequisite: Biology I
- Minimum Credit: 1
- Maximum Credit: 1

AP Biology (G03H10) (through AP Access for All)

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors.

- Grade Level: 10, 11, 12
- Prerequisite: Biology, Algebra 1, and Chemistry (concurrent and teacher approval)
- Minimum Credit: 1
- Maximum Credit: 1

*This course counts as an EPSO if students successfully complete the course and attempt the exam.

Chemistry I (G03H12)

Chemistry I is a course that explores the properties of substances and the changes that substances undergo. Topics concentrate on four main areas: matter, motion & stability, energy, and waves.

- Grade Level: 10, 11, 12
- **Prerequisite: Algebra I**
- Minimum Credit: 1
- Maximum Credit: 1

Honors Chemistry I (G03H12H)

Chemistry I Honors is a more in depth, faster paced course that explores the properties of substances and the changes that substances undergo. Topics concentrate on four main areas: matter, motion & stability, energy, and waves.

- Grade Level: 10, 11, 12
- **Prerequisite: Algebra I**
- Minimum Credit: 1
- Maximum Credit: 1

AP Environmental Science (G03H25) (through AP access for all)

The goal of the AP Environmental Science lab course is to be the equivalent of the general college-level environmental science course.

- Grade Level: 11, 12
- Prerequisite: Biology, Chemistry, Algebra 1
- Minimum Credit: 1
- Maximum Credit: 1

*This course counts as an EPSO if students successfully complete the course and attempt the exam.

Physical Science (G03H00)

In this lab science, students learn waves, motion & stability, energy, and matter.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Minimum Credit: 1
- Maximum Credit: 1

AP Physics 1 (G03H27) (through AP Access for all)

Physics 1 AP is designed to be the equivalent of the general college-level physics course.

- Grade Level: 10, 11, 12
- Prerequisite: Biology, Algebra I, Geometry, Algebra II
- Minimum Credit: 1
- Maximum Credit: 1

*This course counts as an EPSO if students successfully complete the course and attempt the exam.

Science Elective Courses

Preparing for ACT, Postsecondary, & Career (G25H00)

This course provides students with the skills and competencies needed to be successful on the ACT.

Students will become familiar with the format and the scoring of the ACT, learn test-taking skills, and receive individualized instruction to improve scores.

- Grade Level: 11, 12
- Prerequisite: Algebra I, Geometry
- Minimum Credit: .5
- Maximum Credit: 1

CTE Courses for Science Credit

Agriculture, Food, and Natural Resources

Agriscience (C18H19)

This is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. It serves as the first course for all programs of study in the Agriculture, Food, and Natural Resources Cluster. The content area covers ecology, biological processes, sexual and asexual reproduction, and the study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

- Grade Level: 9,10
- Prerequisite: NA
- Minimum Credit: 1
- Maximum Credit: 1

Veterinary Science (C18H21)

Veterinary Science is an advanced, fourth-level lab science course in animal science and animal 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. This is a capstone course and all prerequisites must be met in order for students to qualify from the Tennessee Specific Industry Certification-Animal Science certification test. This test if successfully passed will earn both an Industry Certification and Dual Credit in the Introduction Animal Science course.

- Grade Level: 12
- Prerequisite: Agriscience, Small Animal Science, and Large Animal Science
- Minimum Credit: 1
- Maximum Credit: 1

*This course counts as an EPSO if students successfully complete the course and earn a passing score on the industry certification assessment.

Plant and Soil Science (C18H15)

This course 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. Upon completion of this course, proficient students will have been exposed to a range of careers associated with the science and management of plants and soils and will have developed the essential skills and knowledge to be successful in science- or agriculture-related occupations.

- Grade Level 11, 12

- Prerequisite: Applied Environmental Science
- Minimum Credit: 1
- Maximum Credit: 1

Statewide Dual Credit Introduction to Plant Science (C18H09)

This lab science course provides an in-depth study of topics to prepare students to be successful in all plant science-based careers. Topics covered include plant anatomy, reproduction, classifications, nutrition, and pest management. Greenhouse structures and production techniques are also covered. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students which meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded but are not used in any state accountability measures.

- Grade Level: 11, 12
- Prerequisite: Agriscience and Principles of Plant Science & Hydroculture
- Minimum Credit: 1
- Maximum Credit: 1

Social Studies Graduation Requirements

To satisfy graduation requirements for a regular high school diploma, each student must meet the following requirements:

- 1 credit-World History and Geography.

*This requirement may be satisfied by Statewide Dual Credit World History, AP Human Geography, AP World History, or a related Dual Enrollment course

- 1 credit-American History

*This requirement may be satisfied by Statewide American History, AP United States History, or a related Dual Enrollment course.

- .5 credit- U.S. Government.

*This requirement may be satisfied by AP U.S. Government and Politics, American Business Legal Systems, .5 credit- Economics. This requirement may be satisfied by AP Microeconomics, AP Macroeconomics, Agricultural Business & Finance, Business Economics, Entrepreneurship, Marketing & Management I, Retail Operations, or a related Dual Enrollment course

- .5 Personal Finance. This requirement may be satisfied by Agriculture Business and Finance if the teacher holds a Personal Finance certification

Social Studies Courses and Descriptions

World History and Geography (G04H10)-This course is a comprehensive study of the progression of humans throughout history. Students will study the rise of the nation-state in Europe, the origins and consequences of the Industrial Revolution, political reform in Western Europe, imperialism across the world, and the economic and political roots of the modern world. Students will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, Great Depression, Cold War, and Russian and Chinese Revolutions. Students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Students will explore geographic influences on history, with attention 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 examine aspects of technical geography and how these innovations continuously impact geopolitics in the contemporary world.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Honors World History and Geography (G04H10H)- This course is for students who excelled in middle school history. It covers everything in World History and Geography but goes more in depth and is a faster paced course that addresses the topics designed to help students think like historians, focusing on historical concepts in order to build a foundational understanding of the world. Appropriate primary sources have been embedded in the standards in order to deepen the understanding of world history and geography. Special emphasis will be placed on the contemporary world and its impact on students today.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

AP Human Geography (G04H30)_(Through AP Access for all)

This course introduces students to the systematic study of patterns and processes that

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

AP World History (G04H29) (Through AP Access for all)

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use

- Grade Level: 10, 11, 12
- Prerequisite: World History or AP Human Geography
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Statewide Dual Credit American History (G04HB3)

Students will examine the...

- Grade Level: 11, 12
- Prerequisite: English 1, English 2, & World History or AP Human Geography
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

AP U.S. History (G04H21) (Through AP Access for all)

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods

- Grade Level: 11
- Prerequisite: World History or AP Human Geography
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

United States Government and Civics (G04H12)

Students will study the purposes, principles, and practices of American government as established by the United States Constitution. Students will learn

- Grade Level: 11,12
- Prerequisite: U.S. History
- Credit: .5

AP United States Government and Politics (G04H26) (Through AP Access for all)

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study

- Grade Level: 12
- Prerequisite: U.S. History
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Economics (G04H13)

Students will examine

- Grade Level: 11, 12
- Prerequisite: U.S. History
- Credit: .5

AP Microeconomics (G04H24) (Through AP Access for all)

AP Microeconomics is a college-level course that introduces students to

- Grade Level: 12
- Prerequisite: U.S. History
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

AP Macroeconomics (G04H25) (Through AP Access for all)

AP Macroeconomics is a college-level course that introduces students to

- Grade Level: 12
- Prerequisite: U.S. History
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Personal Finance (G04H36)

Personal Finance is a foundational course designed to

- Grade Level: 10, 11, 12
- Prerequisite: NA
- Credit: .5

Social Studies Electives

AP Psychology (G04H28) (Through AP Access for all)

The AP Psychology course introduces students to the

- Grade Level: 11, 12
- Prerequisite: N/A
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Bible (G01H25)

In this elective course students will

- Grade Level: 11, 12
- Prerequisite: U.S. History
- Credit: 1

Contemporary Issues (G04H17)

In this elective course students will

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Minimum Credit: 1

Psychology (G04H15)

In this elective course students will

- Grade Level: 10, 11, 12
- Prerequisite: NA
- Credit: .5

Statewide Dual Credit Psychology (G04HB5)

In this college-level elective course, students will

- Grade Level: 10, 11, 12
- Prerequisite: English 1
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Sociology (G04H14)

In this elective course students will

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: .5

Statewide Dual Credit Sociology (G04H73)

In this college-level elective course, students will

- Grade Level: 11, 12
- Prerequisite: English 1 & English 2
- Credit: 1

*This course qualifies as an EPSO if students complete the course and attempt the exam.

Tennessee History (G04H01Q)

In this elective course students will

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Minimum Credit: .5

World Language Graduation Requirement

To satisfy graduation requirements, a student must complete two years of the same world language. In certain *extraordinary* circumstances, the student may seek approval to have his/her world language requirement waived for him/her to *expand and enhance* his/her chosen elective focus. Please see your guidance counselor to discuss the waiver and extra requirements.

*Many colleges and universities have admissions requirements of two world language credits in the same world language. Please research the admissions requirements of colleges of interest before seeking approval for a world language waiver.

World Language Courses and Descriptions

Spanish I (G24H04)

Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures.

- Grade Level: 9, 10, 11, 12
- Prerequisite: NA
- Credit: 1

Spanish II (G24H05)

Students continue to develop proficiency in all four language skills (listening, speaking, reading and writing) with an emphasis on the ability to

- Grade Level: 9, 10, 11, 12
- Prerequisite: Spanish I
- Credit: 1

Driver Education

Driver Training (G08H03)

Students must be 15 years of age to participate in Driver training course.

- Grade Level: 9, 10, 11, 12
- Credit: 1

Direct Services Special Education Intervention

Special Education Intervention (S25x27)

Students will be enrolled in the intervention course as reflected in their IEP.

AP Access for All

-AP access for all allows students to take Advanced Placement courses online for free. This is a great opportunity for students to take college level courses and experience rigorous coursework while in high school.

AP Course Offerings

▶ AP Art History *GREAT INTRODUCTORY AP COURSE*

▶ AP Biology

▶ AP Calculus AB

▶ AP Calculus BC

▶ AP Computer Science A

▶ AP Environmental Science

▶ AP Human Geography *GREAT INTRODUCTORY AP COURSE*

▶ AP Language & Composition

▶ AP Macroeconomics

▶ AP Microeconomics

▶ AP Physics 1

▶ AP Psychology *GREAT INTRODUCTORY AP COURSE*

▶ AP Spanish Language and Culture

▶ AP Statistics

▶ AP US Government and Politics

▶ AP US History

▶ AP Literature & Composition

Dual Enrollment Courses

Course descriptions may vary depending on the college(s) or university with which Giles County Schools establishes partnerships. Course offerings are dependent on the college's or university's course catalog for dual enrollment students:

Course Code	Course Name
G25X35	Individualized Education Account Program
C10H34	Dual Enrollment Cybersecurity III
C10H35	Dual Enrollment Cybersecurity IV
C14H35	Dual Enrollment Emergency Services III
C10H36	Dual Enrollment Networking Systems III
C10H37	Dual Enrollment Networking Systems IV
C10H38	Dual Enrollment Web Design III
C10H39	Dual Enrollment Web Design IV
C29H12	Dual Enrollment Accounting III
C29H13	Dual Enrollment Accounting IV
C21H35	Dual Enrollment Advanced STEM Applications III
C21H36	Dual Enrollment Advanced STEM Applications IV
G01H87	Dual Enrollment African American Literature
C18H43	Dual Enrollment Agribusiness III
C18H44	Dual Enrollment Agribusiness IV
C18H45	Dual Enrollment Agricultural Engineering, Industrial, and Mechanical Systems I
C18H46	Dual Enrollment Agricultural Engineering, Industrial, and Mechanical Systems II
C18H47	Dual Enrollment Agricultural Engineering, Industrial, and Mechanical Systems III
C18H48	Dual Enrollment Agricultural Engineering, Industrial, and Mechanical Systems IV
C17H35	Dual Enrollment Architectural & Engineering Design III
C17H36	Dual Enrollment Architectural & Engineering Design IV
C11H18	Dual Enrollment Audio/Visual Production III

C11H19Dual Enrollment Audio/Visual Production IV
 C20H31 Dual Enrollment Automotive Collision Repair IV
 C20H32 Dual Enrollment Aviation Flight III
 C20H33 Dual Enrollment Aviation Flight IV
 C29H14 Dual Enrollment Banking & Finance III
 C29H15 Dual Enrollment Banking & Finance IV
 C19H29 Dual Enrollment Barbering III
 C19H30 Dual Enrollment Barbering IV
 C21H38 Dual Enrollment BioSTEM II
 C21H39 Dual Enrollment BioSTEM III
 C21H37 Dual Enrollment BioSTEM I
 C21H40 Dual Enrollment BioSTEM IV
 G12H06 Dual Enrollment Business Communications
 C12H59 Dual Enrollment Business Management III
 C12H52 Dual Enrollment Business Management IV
 G25H27 Dual Enrollment Children and Adolescent Literature
 C10H32 Dual Enrollment Coding III
 C10H33 Dual Enrollment Coding IV
 G25H25 Dual Enrollment Computers in the 21st Century Classroom
 C30H20 Dual Enrollment Criminal Justice and Correction Services III
 C30H21 Dual Enrollment Criminal Justice and Correction Services IV
 C16H20 Dual Enrollment Culinary Arts IV
 C16H11Dual Enrollment Culinary Arts III
 C14H37 Dual Enrollment Diagnostic Services III
 C14H38 Dual Enrollment Diagnostic Services IV
 C19H31 Dual Enrollment Dietetics and Nutrition III
 C19H32 Dual Enrollment Dietetics and Nutrition IV
 C11H20Dual Enrollment Digital Arts & Design III
 C11H21Dual Enrollment Digital Arts & Design IV
 C32H22 Dual Enrollment Early Childhood Education Careers III
 C32H23 Dual Enrollment Early Childhood Education Careers IV
 C32H24 Dual Enrollment Educational Guidance and Social Services III
 C32H25 Dual Enrollment Educational Guidance and Social Services IV
 C14H36 Dual Enrollment Emergency Services IV
 C21H41 Dual Enrollment Engineering III
 C21H42 Dual Enrollment Engineering IV
 C31H17 Dual Enrollment Entrepreneurship III
 C31H18 Dual Enrollment Entrepreneurship IV
 C18H49 Dual Enrollment Environmental and Natural Resource Management III
 C18H50 Dual Enrollment Environmental and Natural Resource Management IV
 G25H26 Dual Enrollment Exceptional and Culturally Diverse Students
 C11H22Dual Enrollment Fashion Design III
 C11H23Dual Enrollment Fashion Design IV
 C30H22 Dual Enrollment Fire Management Services III
 C30H23 Dual Enrollment Fire Management Services IV
 C18H51 Dual Enrollment Food Science III
 C18H52 Dual Enrollment Food Science IV
 C12H53 Dual Enrollment Health Services Administration III
 C12H54 Dual Enrollment Health Services Administration IV
 C18H53 Dual Enrollment Horticulture Science III
 C18H54 Dual Enrollment Horticulture Science IV
 C16H10 Dual Enrollment Hospitality & Tourism Management III
 C16H13 Dual Enrollment Hospitality & Tourism Management IV
 C19H33 Dual Enrollment Human & Social Sciences III

C19H34	Dual Enrollment Human & Social Sciences IV
C12H56	Dual Enrollment Human Resources Management IV
C12H55	Dual Enrollment Human Resources Management III
C13H30	Dual Enrollment Industrial Maintenance Technology I
C13H31	Dual Enrollment Industrial Maintenance Technology II
C13H32	Dual Enrollment Industrial Maintenance Technology III
C13H33	Dual Enrollment Industrial Maintenance Technology IV
C17H37	Dual Enrollment Interior Design III
C17H38	Dual Enrollment Interior Design IV
C15H25	Dual Enrollment Leadership in Community Emergency Response III
C15H26	Dual Enrollment Leadership in Community Emergency Response IV
C13H34	Dual Enrollment Machining Technology III
C13H35	Dual Enrollment Machining Technology IV
C31H19	Dual Enrollment Marketing Management III
C31H20	Dual Enrollment Marketing Management IV
C13H36	Dual Enrollment Mechatronics III
C13H37	Dual Enrollment Mechatronics IV
C17H39	Dual Enrollment Mechanical, Electrical, & Plumbing Systems III
C17H40	Dual Enrollment Mechanical, Electrical, & Plumbing Systems IV
C14H33	Dual Enrollment Nursing Services III
C14H34	Dual Enrollment Nursing Services IV
C12H57	Dual Enrollment Office Management III
C12H58	Dual Enrollment Office Management IV
C30H24	Dual Enrollment Pre-Law III
C30H25	Dual Enrollment Pre-Law IV
C14H39	Dual Enrollment Sport and Human Performance I
C14H40	Dual Enrollment Sport and Human Performance II
C14H41	Dual Enrollment Sport and Human Performance III
C14H42	Dual Enrollment Sport and Human Performance IV
C17H43	Dual Enrollment Structural Systems III
C17H44	Dual Enrollment Structural Systems IV
G25H28	Dual Enrollment Structure of the Real Number System
C31H21	Dual Enrollment Supply Chain Management III
C31H22	Dual Enrollment Supply Chain Management IV
C32H26	Dual Enrollment Teaching as a Profession (K-12) III
C32H27	Dual Enrollment Teaching as a Profession (K-12) IV
C21H43	Dual Enrollment Technology III
C21H44	Dual Enrollment Technology IV
C14H43	Dual Enrollment Therapeutic Services III
C14H44	Dual Enrollment Therapeutic Services IV
C18H55	Dual Enrollment Veterinary and Animal Science III
C18H56	Dual Enrollment Veterinary and Animal Science IV
C13H38	Dual Enrollment Welding III
C13H39	Dual Enrollment Welding IV
C20H25	Dual Enrollment Diesel Technology II
G24H77	Dual Enrollment Russian
G24H75	Dual Enrollment Latin
G24H74	Dual Enrollment Spanish
G24H76	Dual Enrollment Italian
G24H78	Dual Enrollment Japanese
G24H79	Dual Enrollment Chinese (Mandarin)
G24H80	Dual Enrollment Arabic
G24H81	Dual Enrollment Greek
G24H82	Dual Enrollment Spanish III

G24H83	Dual Enrollment Spanish IV
G24H72	Dual Enrollment French
G24H73	Dual Enrollment German
G02H47	Dual Enrollment Mathematics
G02H48	Dual Enrollment College Algebra
G02H50	Dual Enrollment Finite Mathematics
G24HB2	Dual Enrollment Spanish II
G24HB3	Dual Enrollment French II
G24HB4	Dual Enrollment Latin II
G24H71	Dual Enrollment Foreign Language
G01H33	Dual Enrollment Survey of British Literature
G02H49	Dual Enrollment Probability & Statistics/Elementary Statistics
G04H48	Dual Enrollment Survey of American History I
G04H49	Dual Enrollment Survey of American History II
G04H52	Dual Enrollment World Regional Geography
G02H91	Dual Enrollment Pre-Calculus II
G03H95	Dual Enrollment Earth Science
G04HB7	Dual Enrollment Cultural Anthropology
G03H90	Dual Enrollment Organic Chemistry II
G01H80	Dual Enrollment Introduction to Film
G03H91	Dual Enrollment Chemistry Research
G03H89	Dual Enrollment Organic Chemistry I
G03H88	Dual Enrollment Anatomy & Physiology II
G07H00	Dual Enrollment Religious Studies I
G07H01	Dual Enrollment Religious Studies II
G02H90	Dual Enrollment Pre-Calculus I
G04H51	Dual Enrollment Survey of Western Civilization II
G04H45	Dual Enrollment American Government
G04H46	Dual Enrollment Survey of World History I
G04H47	Dual Enrollment Survey of World History II
G02H51	Dual Enrollment Calculus I
G02H52	Dual Enrollment Calculus II
G02H53	Dual Enrollment Calculus III
G04H39	Dual Enrollment Social Studies
G04H40	Dual Enrollment Microeconomics
G03H46	Dual Enrollment Biology II
G03H45	Dual Enrollment Biology I
G03H49	Dual Enrollment Non-Calculus Based Physics I
G03H50	Dual Enrollment Non-Calculus Based Physics II
G03H51	Dual Enrollment Calculus Based Physics I
G03H52	Dual Enrollment Calculus Based Physics II
G03H63	Dual Enrollment Exercise Science
G03H48	Dual Enrollment General Chemistry II
G03H47	Dual Enrollment General Chemistry I
G03H42	Dual Enrollment Science
G03H43	Dual Enrollment Human Anatomy & Physiology I
G03H44	Dual Enrollment Human Anatomy & Physiology II
G04H50	Dual Enrollment Survey of Western Civilization I
G04H41	Dual Enrollment Macroeconomics
G04H42	Dual Enrollment Sociology
G04H43	Dual Enrollment Personal Finance
G05H55	Dual Enrollment Speech/Fundamentals of Speech Communication
G05H56	Dual Enrollment Introduction to Theatre
G05H54	Dual Enrollment Music Appreciation

G24HI9	Dual Enrollment American Sign Language I
G24HJ0	Dual Enrollment American Sign Language II
G05HC9	Dual Enrollment Theater Arts
G10H05	Dual Enrollment Microcomputer Applications
G07H02	Dual Enrollment Philosophy
G04HC0	Dual Enrollment Introduction to Global Politics
G01H82	Dual Enrollment Journalism II
G01H81	Dual Enrollment Journalism I
G05H53	Dual Enrollment Art History II/Survey of Art History II
G05H52	Dual Enrollment Art History I/Survey of Art History I
G05H51	Dual Enrollment Visual & Performing Arts
G01H29	Dual Enrollment English Language Arts
G01H30	Dual Enrollment English Composition I
G01H31	Dual Enrollment English Composition II
G01H32	Dual Enrollment Survey of American Literature
G01H34	Dual Enrollment Survey of World Literature
G01H35	Dual Enrollment Survey of Literature of the Western World
G03H96	Dual Enrollment Observing the Universe
G08H17	Dual Enrollment Physical Education
G08H16	Dual Enrollment Health & Wellness
G04HB8	Dual Enrollment African American Studies
C11H00	Dual Enrollment Audio/Visual Production I
C10H01	Dual Enrollment Coding I
C10H24	Dual Enrollment Cybersecurity I
C30H14	Dual Enrollment Fire Management Services I
C10H02	Dual Enrollment Networking Systems I
C10H03	Dual Enrollment Web Design I
C21H00	Dual Enrollment Engineering I
C18H00	Dual Enrollment Agriculture, Food, Natural Resources
C18H01	Dual Enrollment Veterinary & Animal Science I
C18H03	Dual Enrollment Agribusiness I
C18H04	Dual Enrollment Food Science I
C18H05	Dual Enrollment Horticulture Science I
C19H02	Dual Enrollment Human & Social Sciences I
C19H03	Dual Enrollment Dietetics & Nutrition I
C32H04	Dual Enrollment Teaching as a Profession (K-12) I
C32H10	Dual Enrollment Early Childhood Education Careers I
C19H23	Dual Enrollment Cosmetology II
C13H20	Dual Enrollment Machining Technology II
C12H47	Dual Enrollment Business Management II
C12H48	Dual Enrollment Office Management II
C12H49	Dual Enrollment Health Services Administration II
C12H50	Dual Enrollment Human Resources Management II
C10H29	Dual Enrollment Networking Systems II
C10H30	Dual Enrollment Web Design II
C10H31	Dual Enrollment Cyber Security II
C21H11	Dual Enrollment Engineering II
C21H12	Dual Enrollment Technology II
C18H32	Dual Enrollment Agribusiness II
C19H24	Dual Enrollment Barbering II
C18H33	Dual Enrollment Horticulture Science II
C18H36	Dual Enrollment Environmental & Natural Resources Management II
C18H37	Dual Enrollment Food Science II
C21H33	Dual Enrollment Advanced STEM Applications II

C17H29	Dual Enrollment Interior Design II
C17H28	Dual Enrollment Architectural & Engineering Design II
C13H21	Dual Enrollment Mechatronics II
C13H25	Dual Enrollment Mechatronics IV
C13H26	Dual Enrollment Welding III
C13H27	Dual Enrollment Welding IV
C18H34	Dual Enrollment Veterinary & Animal Science II
C14H28	Dual Enrollment Therapeutic Services II
C30H17	Dual Enrollment Pre-Law II
C30H15	Dual Enrollment Fire Management Services II
C25H17	Dual Enrollment Service Learning
C14H30	Dual Enrollment Exercise Physiology II
C19H26	Dual Enrollment Human & Social Sciences II
C16H14	Dual Enrollment Culinary Arts II
C16H15	Dual Enrollment Hospitality & Tourism Management II
C14H26	Dual Enrollment Diagnostic Services II
C14H27	Dual Enrollment Nursing Services II
C14H29	Dual Enrollment Emergency Services II
C29H10	Dual Enrollment Banking & Finance II
C15H22	Dual Enrollment Leadership in Community Emergency Response I
C15H23	Dual Enrollment Leadership in Community Emergency Response II
C30H13	Dual Enrollment Criminal Justice and Correction Services II
C31H12	Dual Enrollment Entrepreneurship I
C12H01	Dual Enrollment Business Management I
C21H32	Dual Enrollment Advanced STEM Applications I
C11H08	Dual Enrollment Arts & Design I
C11H13	Dual Enrollment Fashion Design I
C31H10	Dual Enrollment Marketing Management I
C29H09	Dual Enrollment Banking & Finance I
C12H03	Dual Enrollment Health Services Administration I
C13H22	Dual Enrollment Machining Technology III
C20H30	Dual Enrollment Automotive Maintenance and Light Repair IV
C17H33	Dual Enrollment Residential and Commercial Construction III
C17H34	Dual Enrollment Residential and Commercial Construction IV
C14H31	Dual Enrollment Medical Terminology
C14H32	Dual Enrollment Medical Assisting
C19H27	Dual Enrollment Cosmetology III
C19H28	Dual Enrollment Cosmetology IV
C13H24	Dual Enrollment Mechatronics III
C13H23	Dual Enrollment Machining Technology IV
C17H32	Dual Enrollment Structural Systems II
C17H30	Dual Enrollment Mechanical, Electrical, & Plumbing Systems II
C17H31	Dual Enrollment Residential & Commercial Construction II
C31H16	Dual Enrollment Supply Chain Management II
C29H07	Dual Enrollment Accounting II
C19H22	Dual Enrollment Dietetics & Nutrition II
C10H28	Dual Enrollment Coding II
C20H28	Dual Enrollment Aviation Flight II
C11H14	Dual Enrollment Fashion Design II
C11H15	Dual Enrollment Audio/Visual Production II
C11H09	Dual Enrollment Arts & Design II
C32H05	Dual Enrollment Teaching as a Profession (K-12) II
C32H18	Dual Enrollment Early Childhood Education Careers II
C31H11	Dual Enrollment Marketing Management II

C31H14	Dual Enrollment Entrepreneurship II
C12H02	Dual Enrollment Office Management I
C29H05	Dual Enrollment Accounting I
C13H18	Dual Enrollment Welding II
C20H24	Dual Enrollment Automotive Collision Repair III
C20H23	Dual Enrollment Automotive Collision Repair II
C20H22	Dual Enrollment Automotive Maintenance and Light Repair III
C20H27	Dual Enrollment Diesel Technology IV
C11H04	Dual Enrollment Art, Audio/Visual Technology, & Communications
C16H02	Dual Enrollment Hospitality & Tourism Management I
C14H03	Dual Enrollment Nursing Services I
C14H04	Dual Enrollment Emergency Services I
C13H04	Dual Enrollment Mechatronics I
C13H03	Dual Enrollment Welding I
C17H05	Dual Enrollment Interior Design I
C13H01	Dual Enrollment Machining Technology I
C31H15	Dual Enrollment Supply Chain Management I
C20H06	Dual Enrollment Diesel Technology I
C20H04	Dual Enrollment Aviation Maintenance I
C19H04	Dual Enrollment Cosmetology I
C20H03	Dual Enrollment Aviation Flight I
C19H05	Dual Enrollment Barbering I
C20H01	Dual Enrollment Automotive Maintenance & Light Repair I
C20H02	Dual Enrollment Automotive Collision Repair I
C12H39	Dual Enrollment Human Resources Management I
C16H01	Dual Enrollment Culinary Arts I
C17H01	Dual Enrollment Residential & Commercial Construction I
C17H02	Dual Enrollment Structural Systems I
C14H00	Dual Enrollment Health Science
C14H02	Dual Enrollment Diagnostic Services I
C20H21	Dual Enrollment Automotive Maintenance and Light Repair II
C14H05	Dual Enrollment Therapeutic Services I
C17H03	Dual Enrollment Mechanical, Electrical, & Plumbing Systems I
C17H04	Dual Enrollment Architectural & Engineering Design I
C30H16	Dual Enrollment Pre-Law I
C30H12	Dual Enrollment Criminal Justice and Correction Services I
C18H06	Dual Enrollment Environmental & Natural Resources Management I
G04H44	Dual Enrollment Psychology
C32H16	Dual Enrollment Educational Guidance and Social Services I
C32H19	Dual Enrollment Educational Guidance and Social Services II
C21H01	Dual Enrollment Technology I
C20H26	Dual Enrollment Diesel Technology III
G25H20	Dual Enrollment First Year Seminar
C25H18	Dual Enrollment Work-based Learning: Career Practicum
G18H01	Dual Enrollment Agriscience

Revision Date: _____

Student Name:	Student Email:
School Counselor & Career Coach:	Graduation Year:
Sports/Club Interests:	
Major Clarity Top 3 Careers:	
College/ Career Goals:	
Diploma Type: (Circle one) Academic, Occupational, Special Education, Alternative Academic	

8th Grade

Course	Aligned EPSO

9th Grade

Course	Aligned EPSO

10th Grade

Course	Aligned EPSO

11th Grade

Course	Aligned EPSO
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12th Grade

Course	Aligned EPSO

Beyond High School
-College and Career Goals: List 3 potential careers and plans needed to transition to those careers successfully.
 1.

2.

3.

Graduation Counselor Checkoff

Student’s Name_____

Grade_____

High School_____

English 4 credits

English 1 or _____

___ English 2 or _____
___ English 3 or _____
___ English 4 or _____

Mathematics 4 credits (must have taken at least 1 math class per year)

___ Algebra 1
___ Geometry
___ Algebra 2
___ 4th year math course _____
Fourth Year Math CTE Substitution (Check applicable)
___ Principles of Agribusiness
___ Agriculture & Biosystems Engineering
___ AP Computer Science Principles

Science 3 credits

___ Biology
___ Chemistry
___ 3rd lab science
Third Year Lab Science Substitution (Check applicable)
___ SDC: Introduction to Plant Science
___ Agriscience
___ Engineering Design I
___ Engineering Design II
___ Human Anatomy & Physiology
___ Environmental Science
___ Dual Enrollment Human Anatomy & Physiology I
___ Dual Enrollment Human Anatomy & Physiology II
___ Veterinary Science
___ Food Science & Safety
___ Natural Resources Management
___ Advanced Food Science
___ Plant and Soil Science

Wellness 1 credit

___ Lifetime Wellness or ___ 2 years of JROTC for one credit
of Lifetime Wellness and 1/2 credit of Physical Education

Physical Education .5 credit

___ Physical Education or ___ 2 years of JROTC for one credit of Lifetime Wellness and 1/2 credit of Physical Education or ___ waived by extra-curricular activity

Computer Science 1 Credit (beginning 24-25)

___ Computer Science

___ World History
World History Substitutions
___ AP Human Geography
___ AP World History
___ AP European History
___ SDC World History
___ Dual Enrollment World History

___ American History
___ AP U.S. History
___ Dual Enrollment U.S. History
___ U.S. Government and Civics
___ Passed Civics Exam
U.S. Government and Civics Substitution
___ American Business Legal Systems
___ AP U.S. Government

___ Economics
Economics Substitution (Check applicable)
___ Agricultural Business & Finance
___ AP Microeconomics or Macroeconomics
___ Business Economics
___ Entrepreneurship
___ Marketing & Management I: Principles
___ Retail Operations
___ Virtual Enterprise International

Personal Finance .5 credits

___ Personal Finance
___ Agriculture Business & Finance (**if the teacher has obtained Personal Finance Teaching Certification) or

Elective Focus 3 credits (5 credit if FL waived)

Fine Arts 1 credit

___ Fine Arts Substitution (Check applicable)
___ Landscaping & Turf Science
___ Digital Arts & Design I
___ Foundations of Fashion Design
___ Foundations of Interior Design
___ Web Design Foundations

World Language 2 credits

ACT Score _____

Civics Exam Score ____

Social Studies 3 credits

Suggested Career Readiness Activities

9th Grade

- Career Assessment/Exploration activities with Major Clarity (Fall semester)
- Individual advisement with Career Coach (Advisement Check- Fall semester)

- EPSO/Ready Graduate awareness (Fall & Spring semester)
- Work Ethic Distinction and Simulated Workplace awareness (Fall semester)
- Tn Scholar- 20 Volunteer Hours (Fall & Spring semester)
- Practice ACT (Fall & Spring semester)
- Individual advisement & scheduling requests with School Counselor (Credit Check- Spring semester)

10th Grade

- Career Assessment/Exploration activities with Major Clarity (Fall semester)
- PSAT (Fall semester)
- ASVAB (Spring semester)
- Tn Scholar- 20 Volunteer Hours (Fall & Spring semester)
- Practice ACT (Fall semester)
- EPSO/Ready Graduate (Spring semester)
- Resume Building (Spring semester)
- Individual advisement & scheduling requests with School Counselor (Credit Check- Spring semester)
- Individual advisement with Career Coach (Advisement Check- Fall semester)

11th Grade

- Career Assessment/Exploration activities with Major Clarity (Fall semester)
- CTE Program of Study (Fall semester)
- Work Ethic Distinction (Fall semester)
- Graduation Recognition (Fall semester)
- Attend College/Career Financial Aid Night (Fall semester)
- Tn Scholar- 20 Volunteer Hours (Fall & Spring semester)
- Free ACT (Spring semester)
- WBL/Internship/Apprenticeship/Job Shadowing (Fall & Spring semester)
- Visit a TCAT, Community College, University, or Military (Spring semester)
- Career Fair (Spring Semester)
- Resume Building (Fall semester)
- EPSO/Ready Graduate awareness (Spring semester)
- Individual advisement & scheduling requests with School Counselor (Credit Check- Spring semester)
- Individual advisement with Career Coach (Advisement Check- Fall semester)

12th Grade

- Individual advisement with School Counselor (Credit Check- August)
- Individual advisement with Advisor (Advisement Check-August)
- TN Promise/Lottery Scholarship (October)
- FAFSA (October)
- College Applications (October)
- Scholarship Deadlines (October)
- Career Assessment/Exploration (Fall semester)
- Attend College/Career Financial Aid Night (Fall semester)
- Free ACT/SAT (Fall semester)
- WBL/Internship/Apprenticeship/Job Shadowing (Fall semester)
- Visit a TCAT, Community College, University or Military (Fall semester)
- Career Fair (Spring Semester)
- Resume Building (Fall & Spring semester)
- Senior Exit Interviews (Fall & Spring semester)
- CTE Program of Study (Fall semester)
- Work Ethic Distinction Applications (Fall & Spring semester)
- Graduation Recognition (Fall semester)
- Tn Scholar- 20 Volunteer Hours (Fall & Spring semester)
- EPSO/Ready Graduate (Fall & Spring semester)