MJHS

Program of Studies

2026-2027



615-758-5606

https://mjhs.wcschools.com/

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Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

PROGRAM OF STUDIES OVERVIEW

PUBLIC NOTICE

The Wilson County School System does not discriminate due to age, race, color, gender, national origin, disability, religion, creed, or veteran status in the provision of services, in programs or activities, or in employment opportunities or benefits. Inquiries concerning Title VI or Title IX of the Civil Rights Act should be directed to Bryan Adams at (615) 444-3282. Inquiries concerning Section 504 should be directed to Tracey Burge at (615) 444-3282. Inquiries concerning the American with Disabilities Act should be directed to Rebecca Owens at (615)444-3282.

FOREWORD

The information contained in the Wilson County Schools 2026-2027 Program of Studies for grades 9-12 is intended to guide students in the selection of high school courses. Students should discuss this information with parents, teachers, school counselors and/or administrators. If there are any questions or concerns regarding the registration process, students and parents are encouraged to contact the student's school counselor or school administrator.

SCHEDULING POLICIES

Not all high schools offer all courses approved in the district's Program of Studies. Each high school creates its own list of courses to be offered each year. A high school builds its master schedule on students' requests for courses and on its ability to staff the courses students request. The registration process helps determine what courses the school will staff and offer in the following school year. Once each high school establishes its master schedule, students are obligated to take the courses they requested. Students, therefore, should carefully select courses to match their abilities and educational goals.

Students may request a valid schedule change based on summer school credits or to correct a scheduling error made by the school. These schedule corrections should take place the first five (5) days of the first semester.

Students who request and receive Honors or Advanced Placement courses are obligated to take these courses in the next academic school year unless school administration approval is granted.
A student who is experiencing difficulty in a class will not be removed from the class outside the policies stated above. When difficulties occur, the following procedures should be followed:

The student should seek assistance from the course instructor. This may include but is not limited to one-to-one tutoring with the teacher, small group tutoring offered before or after school, or additional remediation projects.

If student difficulties persist in the course, the parent should communicate with the teacher. Communication may occur by email, phone, or parent-teacher conference.
If the student continues to experience difficulties, the parent may request a school meeting that includes the teacher, student, parent(s), appropriate school counselor, and appropriate school administrator. The team will form an appropriate plan of action to address the concerns.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

DIPLOMA OPTIONS & GRADUATION REQUIREMENTS

DIPLOMA OPTIONS

Regular High School Diploma
Occupational Diploma
Alternate Academic Diploma
Special Education Diploma

REGULAR HIGH SCHOOL DIPLOMA

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

Graduation Requirements

Mathematics: *4 Credits* - Algebra I, Algebra II, Geometry, and a fourth higher-level math course. (Students must be enrolled in a mathematics course in at least 3 years of high school.)

Students who completed any of the required math credits prior to ninth grade will receive graduation credit for that coursework; however, students are still required to complete 4 math credits in high school in at least 3 years of high school.

Fourth Credit Math Approved Substitutions*

Advanced Placement Math Program
Dual Enrollment Math Program
Statewide Dual Credit Pre-Calculus
Statewide Dual Credit Statistics
Advanced Placement Physic C: Electricity & Magnetism
Advanced Placement Physics C: Mechanics
Advanced Placement Physics I: Algebra-Based
Advanced Placement Physics II: Algebra-Based
Advanced Placement Computer Science Principles
Advanced Placement Computer Science A
Dual Enrollment Computer Science
Computer Science
Computer Science Foundations
Coding I
Coding II
Coding Practicum
Cybersecurity I
Cybersecurity II
Cybersecurity Practicum
Data Science I
Data Science II
Mobile App Development
Agricultural Fabrication & Biosystems Engineering
Principles of Farm and Agribusiness Mgmt.
IT Clinical Internship
Web Design Practicum
Cybersecurity Practicum
Manufacturing Practicum
Engineering Practicum
STEM IV: Practicum
Supply Chain Management Practicum
Teaching as a Profession Practicum (Math Placement)

**Some universities may not accept the above approved substitutions as a math credit. Check with your university prior to registering for a 4th math credit.*

English: *4 Credits* - English I, English II, English III, and English IV

English III or English IV Approved Substitutions

Advanced Placement English Language & Composition
Advanced Placement English Literature & Composition
Advanced Placement Research
Advanced Placement Seminar
Dual Enrollment English Program

Science: *3 Credits* - Biology, Chemistry or Physics, and a third lab course

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Third Lab Science Approved Substitutions

Advanced Placement Science Program
Dual Enrollment Science Program
Dual Enrollment Computer Science
Advanced Placement Computer Science
Computer Science
Advanced Placement Computer Science Principles
Advanced Placement Computer Science A
Computer Science Foundations
Agriscience
Applied Environmental Science
BioSTEM I
BioSTEM II
BioSTEM III
Engineering Design I
Engineering Design II
Food Science & Safety
Human Anatomy & Physiology
Natural Resources Management
Nutrition Science & Diet Therapy
Plant & Soil Science
Principles of Engineering & Technology
Coding I
Coding II
Coding Practicum
Cybersecurity I
Cybersecurity II
Cybersecurity Practicum
Mobile App Development
Advanced Food Science
STEM I: Foundations
STEM II: Applications
STEM III: STEM in Context
Veterinary Science Technologies
Coding Practicum
IT Clinical Internship
Web Design Practicum
Cybersecurity Practicum
Clinical Internship
Nursing Education
Emergency Medical Service Practicum
BioStem Practicum
STEM IV: Practicum

Social Studies: *3 Credits* - World History, American History, Economics, and U.S. Government and Civics

Economics Approved Substitutions

Advanced Placement Microeconomics
Advanced Placement Macroeconomics
Dual Enrollment Business Program
Dual Enrollment Economics Programs
Agricultural Business & Finance
Business Economics
Entrepreneurship
Marketing & Management I
Retail Operations
Virtual Enterprise International

U.S. Government & Civics Approved Substitutions

Advanced Placement United States Government & Politics
Advanced Placement United States History
Dual Enrollment U.S. History Program
Dual Enrollment American History Program
Statewide Dual Credit American History
Pre-Law I & Pre-Law II & Pre-Law III
American Business & Legal Systems
JROTC IIIA & IIIB

Lifetime Wellness: *1 Credit*

Lifetime Wellness Approved Substitutions

JROTC IA & IB

Physical Education: *0.5 Credit*

The Physical Education requirement may be met by providing 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, school-based marching band.

Physical Education Approved Substitutions

JROTC IIA & IIB

Personal Finance: *0.5 Credit*

Personal Finance Approved Substitutions

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Dual Enrollment Business Program	Entrepreneurship
Agriculture Business & Finance*	JROTC IIIA & IIIB
Business Management	

*JROTC III may substitute for one-half (½) credit of U.S. Government and Civics and one-half (½) credit of Personal Finance if the JROTC instructor attends the Personal Finance training

World Language: *2 Credits (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 earns two (2) additional courses in the student's elective focus area.

Fine Arts: *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.

Fine Arts Approved Substitutions

Advanced Placement Art History	Digital Arts & Design I
Advanced Placement 2-D Art and Design	Floral Design & Operations
Advanced Placement 3-D Art and Design	Foundations of Fashion Design
Advanced Placement Drawing	Foundations of Interior Design
Advanced Placement Music Theory	Landscaping & Turf Science
Dual Enrollment Fine Arts Programs	Web Design Foundations

Computer Science: *1 Credit*
Students may fulfill this requirement by substituting Computer Science for the student's fourth (4th) math credit, third (3rd) credit of science, or an elective focus credit. Students may use Computer Science as a substitution to fulfill one credit in math, or science, and one elective focus credits.
Postsecondary institutions vary in their acceptance of CS as a math credit for admission. Please contact the postsecondary institution's admissions department for specific guidance.

Computer Science Approved Substitutions

Dual Enrollment Computer Science Computer Science Foundations	*Coding II*
	Coding Practicum
Advanced Placement Computer Science	*Cybersecurity I*
Advanced Placement Computer Science A	*Cybersecurity II*
Computer Science Foundations	*Cybersecurity Practicum*
Coding I	*Mobile App Development*

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 / 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, theater, 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)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Advanced Manufacturing
Agriculture
Arts, Entertainment, & Design
Civics, Public Service, & Safety
Construction
Digital Technology
Education
Financial Services
JROTC
Healthcare & Human Services
Hospitality & Events
Management & Entrepreneurship
Marketing & Sales
Supply Chain & Transportation

Advanced Placement

To achieve an Elective Focus in Advanced Placement, students must take at least three (3) Advanced Placement courses and complete the three (3) Advanced Placement Tests for those courses.

Dual Enrollment

To achieve an Elective Focus in Dual Enrollment, students must earn credit in at least three (3) Dual Enrollment courses.

Additional 3 Credits

NOTE: If a student receives a waiver for a graduation requirement, the student does not earn credit for the course. The student must earn additional credits to meet the required 26 credits for graduation.
Many colleges and universities have admissions requirements for world language and fine arts credits. Therefore, students should research admissions requirements for college and universities of interest before selecting to waive their world language or fine arts courses for elective offerings.

Other Graduation Requirements

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 year.
U.S. Civics Assessment: All students must take and pass a U.S. Civics assessment.
Civics Project-Based Assessment: All students must complete a civics-based project.

OCCUPATIONAL DIPLOMA

An occupational diploma may be awarded to students with disabilities at the end of their fourth (4th) year of high school who have:

- ☐ Not met the requirements for a regular high school diploma;
- ☐ Received special education services or supports and made satisfactory progress on an IEP;
- ☐ Have satisfactory records of attendance and conduct;
- ☐ Have completed the occupational diploma Skills, Knowledge, and Experience Mastery Assessment (SKEMA) created by the Tennessee Department of Education; **and**
- ☐ Have completed two (2) years of paid or non-paid work experience.

The determination that an occupational diploma is the goal for a student with a disability will be made at the conclusion of the student's tenth (10th) grade year or two (2) academic years prior to the expected graduation date. Students who obtain the occupational diploma may continue to work toward a regular high school diploma through the end of the school year in which they turn twenty-two (22) years old.

ALTERNATE ACADEMIC DIPLOMA

An alternate academic diploma may be awarded to students with the most significant cognitive disabilities at the end of their fourth (4th) year of high school who have:

- ☐ Participated in the high school alternate assessments;
- ☐ Earned the prescribed twenty-two (22) credit minimum;
- ☐ Received special education services or supports and made satisfactory progress on an IEP;
- ☐ Have satisfactory records of attendance and conduct; **and**
- ☐ Have completed a transition assessment(s) that measures, at a minimum, postsecondary education and training, employment, independent living, and community involvement.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

The required credits may be earned either through the state- approved standards or through alternate academic diploma course requirements defined by the Department of Education. A student who earns an alternate academic diploma shall continue to be eligible for special education services under IDEA until the student receives a regular high school diploma or through the school year in which the student turns twenty-two (22).

SPECIAL EDUCATION DIPLOMA

A special education diploma shall be awarded at the end of the fourth (4th) year of high school to students with disabilities who have:

- ☐ Received special education services or supports and made satisfactory progress on an individualized education program (IEP);
- ☐ Not met the requirements for a regular high school diploma; **and**
- ☐ Have satisfactory records of attendance and conduct.

Students who obtain the special education diploma may continue to work toward a regular high school diploma through the end of the school year in which they turn twenty-two (22) years old.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

GRADUATION CEREMONIES, RECOGNITIONS & EARLY GRADUATION

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 Wilson County Board of Education.

VALEDICTORIAN & SALUTATORIAN STATUS

To be eligible for either Valedictorian or Salutatorian, students must meet the requirements as outlined in Board Policy 4.602.

GRADUATION WITH HONORS

Students who score at or above all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT will graduate with honors. The ACT benchmarks are as follows:

English – 18
Math – 22
Reading – 22
Science – 23

GRADUATION WITH DISTINCTION

Students will be recognized as graduating with "distinction" by attaining a B (3.0 cumulative GPA or above) average and completing at least one of the following:

- ☐ Earn a nationally and or state recognized industry certification
- ☐ Participate in at least one (1) of the Governor's Schools
- ☐ Participate in one (1) of the state's All State musical organizations
- ☐ 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
- ☐ Be selected as a National Merit Finalist or Semifinalist
- ☐ Attain a score of thirty-one (31) or higher composite score on the ACT or SAT equivalent
- ☐ Attain a score of three (3) or higher on at least two Advanced Placement exams
- ☐ Earn 12 or more semester hours of college credit as indicated on high school transcript

*Students graduating with a gold or platinum medal on National Career Readiness Certificate (WorkKeys) shall be recognized.
*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.

TRI-STAR SCHOLAR

A student who earns the following shall be recognized by placing an appropriate designation on the student's diploma and by the student's name in the school's graduation program:

- ☐ Composite score of nineteen (19) or higher on the ACT, or an equivalent score on the SAT
- ☐ Capstone industry certification as promoted by the Department of Education

TENNESSEE SEAL OF BILITERACY

Students who have attained a high level of proficiency in speaking, reading, and writing in one (1) or more languages in addition to English shall be recognized with a Seal of Biliteracy on the high school diploma. Students receiving this recognition shall meet the following criteria:

- ☐ Complete all English language arts (ELA) requirements for graduation with an overall grade point average of 3.0 or higher in those classes;
- ☐ Demonstrate English proficiency through one (1) of the following:

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

- ☐ Score at meets or exceeds on each ELA end-of-course assessment taken;
- ☐ Score three (3) or higher on an Advanced Placement English Language or English Literature exam; B1 or higher on a Cambridge International English exam; or four (4) or higher on an International Baccalaureate English exam;
- ☐ Score 22 or higher on the ACT Reading subtest or 480 or higher on the SAT evidence- based reading and writing subtest; or
- ☐ Score 4.5 or higher on the WIDA Access, if the student is an English learner; and
- ☐ Demonstrate proficiency in a world language through one (1) of the following:
- ☐ Score Intermediate-Mid or higher in all three (3) communication modes (interpersonal, interpretive, and presentational) on a world language proficiency assessment recognized by the American Council on the Teaching of Foreign Languages (ACTFL)
- ☐ Score three (3) or higher on an Advanced Placement world language exam; B1 or higher on a Cambridge International world language exam; or four (4) or higher on an International Baccalaureate world language exam;
- ☐ Score at the Intermediate level or higher on the Sign Language Proficiency Interview (SLPI: ASL);
- ☐ Pass a foreign government's approved non-English language exam, or score at a level comparable to Intermediate-mid or higher on the ACTFL proficiency scale on another country's secondary level standardized exam in the country's non- English native language; or
- ☐ Score at a level comparable to Intermediate-Mid or higher on the ACTFL proficiency scale on an LEA developed alternate model. Alternate models may only be used if the identified world language does not have an associated nationally recognized assessment and must address communication, cultures, connections, comparisons, and communities.

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.
- Students graduating with a gold or platinum medal on National Career Readiness Certificate (WorkKeys) shall be recognized at their graduation ceremony.
- Students graduating with a district-developed work ethic distinction shall be recognized at their graduation ceremony.

INDUSTRY 4.0 DIPLOMA DISTINCTION

The Industry 4.0 Diploma Distinction is a distinction that allows students to pursue a career in a high-need, high-skill industry while in high school, as outlined in T.C.A. 49-6-420 and State Board Rules 0520- 01-03-.06(31) on Graduation Requirements. The Industry 4.0 Diploma Distinction was developed for high school students who are interested in pursuing a career in a high-need, high-skill industry after graduation.

Students who earn the Industry 4.0 Diploma Distinction must complete at least nine dual enrollment or work-based learning (WBL) credits aligned to their career goals. They will receive monthly career coaching and counseling to better prepare them for the transition into the workforce. Additionally, they will have the option to substitute a WBL or dual enrollment credit, as approved by the State Board of Education, for one math credit and one science credit. The requirements for each grade are outlined below.

Grade 9

School Requirements

Each high school must notify all grade 9 students of the opportunity to pursue an Industry 4.0 Diploma Distinction no later than ten days after the first day of each semester of the school year.

Grade 10

School Requirements - Each high school must notify all grade 10 students of the opportunity to pursue an Industry 4.0 Diploma Distinction no later than ten days after the first day of each semester of the school year.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Student & Parent Requirements - Students interested in pursuing an Industry 4.0 Diploma Distinction must provide the counselor or school principal with documentation signed by the student's parent or legal guardian indicating that the parent or legal guardian is aware of the requirements for the student to obtain the diploma distinction and consenting to the student's participation. Students must also register with a regional American Job Center (AJC) or other career counseling or community partner, known as a ***career coach***, and enroll in at least one WBL or dual enrollment course for the student's junior year.

Career Coach Requirements - A career coach must be one of the following:

- ☐ an AJC career coach; or
- ☐ a career coach from a career counseling or community partner program approved by the U.S. Department of Labor's regional office for the State of Tennessee; or
- ☐ a certified licensed school counselor; or
- ☐ an educator who holds an active WBL certificate provided by the Tennessee Department of Education.
- ☐ A career coach must meet no less than once per month during the school year to help the student develop personal attributes required for success in the workforce, assist the student in applying for dual enrollment grants and other available financial aid opportunities, identify the best combination of dual enrollment and WBL courses, and help the student prepare for standardized assessments. A combination of stakeholders who meet the career coach requirements may collaboratively provide these services to students.

Grade 11

Student Requirements -The student must be enrolled in at least one WBL or dual enrollment course and enroll in WBL or dual enrollment courses for the student's senior year. The student must also meet no less than once per month during the school year with a career coach.

Grade 12

Student Requirements - The student must successfully complete all coursework required for graduation for his/her diploma type. Students may earn at least one science credit and at least one math credit through course substitutions approved by the State Board of Education, including, but not limited to, dual enrollment and WBL courses aligned to a student's chosen career path. These substitutions may only fulfill the student's third credit of science or fourth credit of math. A list of WBL and dual enrollment courses that qualify as science and math substitutions can be found here. By the end of the student's senior year, the student must earn at least nine credits of dual enrollment or WBL, meet no less than once per month during the school year with a career coach, and fulfill all other graduation requirements to earn the Industry 4.0 Diploma Distinction.

EARLY GRADUATION

Move on When Ready (TDOE Policy)

The Move on When Ready Act provides public high school students who wish to graduate early with the opportunity to graduate high school early and gain entry into a postsecondary institution. A public high school student may complete an early high school graduation program and be eligible for unconditional entry into a public two (2)-year institution of higher education or conditional entry into a public four (4)-year institution of higher education, if the student fulfills each of the following requirements:

- ☐ Earns seventeen (17) credits that include:
  - ☐ English I, II, III, and IV
  - ☐ Algebra I and II
  - ☐ Geometry
  - ☐ Computer Science or an approved substitute (see the Graduation Substitutions Policy)
  - ☐ United States History
  - ☐ Two (2) courses in the same world language;
  - ☐ One (1) course selected from:
  - ☐ (i) Economics
    (ii) Government
    (iii) World Civilizations
    (iv) World Geography

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

- ☐ One (1) course selected from:
  - ☐ (i) History and appreciation of visual and performing arts
    (ii) A standards-based arts course, which may include studio art, band, chorus, dance, or other performing arts
  - ☐ Health and Physical Education (Wellness)
  - ☐ Biology
  - ☐ Chemistry
- ☐ Has a cumulative GPA of at least 3.2 on the Uniform Grading System four (4) point scale;
- ☐ Scores at the on-track or mastered level on each end-of-course assessment taken
- ☐ Meets benchmark scores of twenty-five (25) or higher on the mathematics portion of the ACT and twenty-five (25) or higher on the English portion of the ACT, or equivalent scores on the SAT (these scores may come from different test administrations);
- ☐ Achieves a passing score on a nationally recognized world language proficiency assessment; **and**
- ☐ Completes two (2) early postsecondary courses.

*A student pursuing early graduation through the Move on When Ready program may take two (2) high school English courses in an academic year.
*A student pursuing early graduation through the Move on When Ready program shall complete an intent form available from the Department of Education and submit it to her or his high school principal and the Department of Education. Intent Form
For other early graduation opportunities, please refer to policy 4.203.

READY GRADUATE OPPORTUNITIES

What is a Ready Graduate?

Watch this a video with information on Ready Graduate: Ready Graduate Video
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 Postsecondary Opportunity (EPSO)?
An Early Postsecondary Opportunity, or EPSO, is a high school course or program that gives a student the opportunity 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.
Wilson 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) **Beginning in the fall of 2027, all Statewide dual credit courses will be fully discontinued by the TN Department of Education.*
- Local 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)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade Advantages for EPSOs
Students completing Local and Statewide Dual Credit Courses, and Capstone Tier III Industry Certification-Aligned Courses will receive an additional 4 points added to each reporting period and the final exam score.
Students completing an Advanced Placement (AP) class and Dual Enrollment Courses will receive an additional 5 points added to each reporting period and the final exam score.
Final grades in any courses designated as an early postsecondary (EPSO) course, with the exception of local dual credit courses, will be increased by 1.0 quality points. This includes Dual Enrollment Courses, State-Wide Dual Credit Courses, and National Industry Certification Courses.
Final grades in Local Dual Credit courses will be increased by 1.0 quality point, if the student takes the corresponding Local Dual Credit exam. If a student elects not to take the Local Dual Credit Exam, the student will receive an increase to his/her G.P.A. by 0.5 quality points.
Final grades in Advanced Placement Courses will be increased by 1.0 quality point, if the student takes the corresponding Advanced Placement Exam. If a student elects not to take the Advanced Placement Exam, the student will receive an increase to his/her G.P.A. by 0.5 quality points.
Refer to Board Policy 4.600
*Courses in the Program of Studies will indicate if they are aligned with an EPSO.
*Students who earn a passing score on a College Board CLEP test can also earn an EPSO. Students should contact the College Board for additional details on CLEP testing. Wilson County Schools does not provide CLEP testing.Information on College Board CLEP Testing

GRADING FOR HIGH SCHOOL COURSES

GRADING SCALE & WEIGHTED GRADES

The following state-wide grading scale is used in all classes:
A = 90-100 B = 80-89 C = 70-79 D = 60-69 F = Below 60
In addition, weighted grades will be calculated per Board Policy 4.600.

HOPE SCHOLARSHIP

Assigning quality points above a 4.0 for any course(s) is not allowed for the purpose of determining eligibility for the lottery (HOPE) scholarship.

PRINCIPAL'S LIST / HONOR ROLL

To be eligible for either the Principal's List or Honor Roll, a student must be enrolled in a minimum of five (5) credits. To be eligible for the Principal's List, students must have A's in all subjects. To be eligible for the honor roll, a student must have no grade below a B and at least one A.

TESTING FOR CREDIT

Students in grades 9-12 may receive credit for an eligible course in which the student is not enrolled but attains a qualifying score on the course's credit exam.
Eligible Courses:

- English IV
- Ecology
- Personal Finance
- Pre-Calculus

The course exams will be administered during the first two weeks of each semester. Before taking the credit exam, the student will be notified of the qualifying score needed to receive credit and the grade will be included in his/her overall grade point average if the student achieves a qualifying score on the credit exam. A student may only take a credit exam once.
A student may take up to four (4) exams, earning no more than four (4) credits that will be applied to the student's graduation requirements and be included in the student's overall grade point average.

Career Technical Education (CTE)
Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

CREDIT RECOVERY

Credit recovery is an option for high school students in the Wilson County School System who have failed to earn credit in a course taken through a Wilson County School or who have been approved by the Director of Schools. Admission to, and removal from, credit recovery programs may include, but not be limited to, attendance, discipline, availability of coursework, availability of space, appropriate progress, and grades.

ELIGIBILITY

In order for a student to be eligible to enter credit recovery, the following is required:

- ☐ The student's parent and/or legal guardian gives written consent for the student to enroll in the proposed credit recovery course(s). Parents/guardians should 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.
- ☐ The student has previously taken an initial, non-credit recovery section of the proposed course and received a grade of not less than 50%. Students who receive a grade of below 50% in the non-credit recovery section of the course must retake the course.

If a student is seeking to recover credit for the first semester of a two semester course, the student may not receive full credit for the course until they have enrolled in and passed the second semester of the course and taken the end-of-course (EOC) examination, if applicable[1].

INSTRUCTION

Once a student is enrolled in a credit recovery course, the student shall:
Complete a course standard-specific diagnostic to determine standard-specific goals;
Meet individual standard-specific goals in a flexible time frame as established by identified student need;
Master all individualized skill-specific goals as established by the diagnostic process in order to earn credit; and
May be required to complete additional assignments as directed by the local board of education credit recovery policy and/or credit recovery teacher of record, in order to earn credit.

GRADES

Students will receive grades in accordance with the Wilson County Schools Credit Recovery Guidelines.
Students passing credit recovery shall receive a final grade of sixty percent (60%).
The student transcript shall denote that credit was attained through credit recovery.
The original failing grade will be listed on the transcript, but shall not factor into the student's GPA, in accordance with the State Board of Education's Uniform Grading Policy (3.103).

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

NCAA & NAIA ELIGIBILITY

NCAA ELIGIBILITY

If a student wants to compete in NCAA sports at a Division I or Division II school, the student MUST register with the NCAA Eligibility Center to make sure the student stays on track to meet initial-eligibility standards.

If the student or parents have questions about eligibility or about the registration process, call the NCAA toll free at 1-877-262-1492. International students should call 317-917-6222.

To be eligible to compete in NCAA sports during a student's first year at a Division I school, a prospective student athlete must graduate high school and meet **ALL** the following requirements:

- ☐ Complete 16 core courses:
  - ☐ Four years of English
  - ☐ Three years of math (Algebra 1 or higher)
  - ☐ Two years of natural/physical science (including one year of lab science if your high school offers it)
  - ☐ One additional year of English, math or natural/physical science
  - ☐ Two years of social science
  - ☐ Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
  - ☐ Complete 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.
- ☐ Earn at least a 2.3 GPA in your core courses.

For additional information refer to the "NCAA Guide for the College-Bound Student- Athlete" (go to www.eligibilitycenter.org) and college directories for information on Division I, II, and III colleges and universities.

The NCAA form (48-H) lists the course titles and the course numbers of all courses that meet NCAA core course requirements. This form is completed by each school and sent in to the NCAA Initial Eligibility Clearinghouse.

Please access this link for NCAA Division II Eligibility Requirements: Division II Eligibility

You do not need to register with the NCAA to be eligible for Division III athletics. Division III Athletics.

NAIA ELIGIBILITY

To be academically eligible, the NAIA eligibility center requires that incoming freshmen meet two of the following three criteria:

- ☐ Achieve a minimum of 18 on the ACT or 970 on the SAT*
- ☐ Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale
- ☐ Graduate in the top half of their high school class.

To get started, student-athletes must register with the NAIA Eligibility Center, creating a profile at PlayNAIA.org. In order to prove they meet these requirements, student-athletes must send the NAIA specific documentation. NAIA provides more details about the NAIA eligibility requirements, as well as the documents that prospects must provide.

*Students with diagnosed learning disabilities, who do not meet freshman eligibility requirements, may have their academic profiles reviewed by the NAIA National Eligibility Committee at the request of the NAIA institution

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

RIGOROUS ACADEMIC COURSEWORK

Wilson County Schools wants all students to take the most rigorous courses for which students demonstrate readiness. Below are opportunities for students to increase the rigor of their high school academic program. Weighted grades will be awarded in accordance with Board Policy 4.600

ADVANCED PLACEMENT COURSES

The College Board's Advanced Placement (AP) Program provides an opportunity for high school students to experience rigorous postsecondary-level coursework across multiple subjects. Each course is aligned to a subject-specific AP exam, which provides students the potential to earn credit for post secondary coursework in that subject. The student is responsible for seeking information from colleges of interest about what AP score is necessary to earn college credit.

Students enrolled in AP courses should plan to take the AP exam. Exams cost approximately $99 each, but fee assistance may be available to qualified students.

DUAL ENROLLMENT COURSES

Dual enrollment (DE) is a postsecondary course, taught either at the postsecondary institution or at the high school, by postsecondary faculty or credentialed adjunct faculty. Dual enrollment instructors must meet postsecondary requirements, but do not have to meet specific TN teacher licensure or endorsement requirements.

Dual enrollment courses can be taught at the postsecondary campus, the high school, or online. The location of the course does not affect its status as a dual enrollment course.Students who complete and pass the course(s) may earn high school and college credit. Students are responsible for seeking admission to the college or university and for payment of college tuition and all needed academic materials, including textbooks. It is the responsibility of the student to verify that the credit will be accepted at the university they plan to attend.

A qualified high school student is defined as a junior or senior with an unweighted 3.0 average or higher in the subject area of enrollment and with an ACT composite score as determined by the partnering University and an ACT subscore meeting the ACT Readiness Benchmark in the subject area of enrollment if applicable.

Students may qualify for the dual enrollment grant to offset the costs of dual enrollment courses. Visit https://www.collegefortn.org/dualenrollment/ for more information about award information, eligibility, requirements, and application.

In addition, Wilson County Schools partners with colleges and universities to provide Early College Programs and Dual Enrollment Extreme Programs experiences to provide eligible students opportunities to enroll full-time in college-level coursework.

HONORS COURSES

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

- ☐ Extended reading assignments that connect with the specified curriculum;
- ☐ Research-based writing assignments that address and extend the course curriculum;
- ☐ Projects that apply course curriculum to relevant or real-world situations;
- ☐ Open-ended investigations in which the student selects the questions and designs the research;
- ☐ Writing assignments that demonstrate a variety of modes, purposes, and styles;
- ☐ Integration of appropriate technology into the course of study;
- ☐ Deeper exploration of the culture, values, and history of the discipline;

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

- ☐ Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation; and
- ☐ Job shadowing experiences with presentations that connect class study to the world of work.

To enroll in an honors course, students should have records of high achievement.

INDUSTRY CERTIFICATION COUSES

Industry certifications (IC) are earned through secondary and postsecondary career and technical education programs and courses. High school students are encouraged to focus their elective credits on robust, career-aligned learning pathways. Robust learning pathways should culminate with the achievement of nationally recognized industry certifications, meaningful work-based learning experiences, and/or attainment of postsecondary credit hours through early postsecondary opportunities. As it pertains to industry certifications, all Tennessee Department of Educated-promoted certifications are aligned with postsecondary and employment opportunities and with the competencies and skills that students should have acquired through their chosen programs of study.

LOCAL DUAL CREDIT COURSES

Local dual credit is a high school course aligned to a local post secondary institution's course and exam. Students who pass the exam earn credits that are accepted and/or recognized by the local postsecondary institution only. Courses are taught by licensed high school teachers or certified college instructors approved by the school system and the postsecondary institution. Exam fees are determined by the post-secondary institution providing the challenge exam.

STATEWIDE DUAL CREDIT COURSES

**Beginning in the fall of 2027, all Statewide dual credit courses will be fully discontinued by the TN Department of Education.*

Statewide dual credit classes are college-level courses taught at the high-school level by trained high-school teachers. Course learning objectives are developed by Tennessee high school and college faculty in order to ensure alignment with post-secondary standards.

All students enrolled in a statewide dual credit course must take the free online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who 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.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

DUAL ENROLLMENT GRANT OVERVIEW

THEC TSAC

Dual Enrollment Grant (DEG) Overview

Application Deadline
June 30th of the academic year
For all terms and all institution types

Apply at www.tn.gov/tsacstudentportal. Application is for an academic year. For example, the 2024-2025 application is used to apply for fall 2024, spring 2025, and summer 2025 semesters.

2 or 4-year college DEG Reminders

- To qualify for DEG at a 2- or 4-year college, student must be a high school junior or senior and satisfy dual enrollment (DE) admissions criteria set by the college.
- DEG students must earn a minimum cumulative 2.00 GPA, for all courses attempted while under the grant, each semester to remain eligible for the grant.
- DEG will pay for up to ten (10) DE courses at a 2- and 4-year college.
- Students dual enrolling at two colleges concurrently must contact the financial aid office at their primary DE college to complete a consortium agreement to receive funding for both colleges.

Award Amounts

A dual enrolled student participating in the Dual Enrollment Grant program may receive funding for up to ten (10) lifetime dual enrollment courses. If enrolled in a 3-credit hour course for the first five (5) courses, the student may receive up to **$582.75**. For courses 1-5 which are not 3 credit hours, courses are paid at a rate of $194.25 per credit hour. For courses 6 – 10, **$100** per credit hour.

Tennessee College of Applied Technology (TCAT) DEG Reminders

- Any high school student (9th – 12th grade) may qualify for DEG at a TCAT. Student must meet dual enrollment (DE) admissions criteria set by the TCAT.
- DEG will pay for up to 1296 clock hours at a TCAT.
- Students must earn a minimum cumulative 2.00 GPA, for all courses attempted while under the grant, each semester to remain eligible for the grant.
- Students dual enrolling at a TCAT and a 2- or 4-year college concurrently must contact the financial aid office at their primary DE college to complete a consortium agreement to receive funding for both colleges.

TCAT Award Amounts

Clock Hours	Amount
1-40	$221.55
41-80	$299.25
81-135	$452.55
136-217	$788.55
218-340	$1273.65
341-450	$1424.85

OTHER FUNDING RELATED TO DUAL ENROLLMENT GRANT REQUIREMENTS

A student may receive funding for one (1) course per semester. To receive funding for two (2) additional courses per semester, the student must meet the minimum HOPE Scholarship academic requirements at

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

the time of dual enrollment. For more details, please see the Tennessee HOPE Scholarship eligibility requirements.
Students who receive the Dual Enrollment Grant amount for more than five (5) dual enrollment courses over the junior and senior years will have the amount reduced from their Tennessee HOPE Scholarship on a dollar for dollar basis.
College courses attempted and the number of years enrolled as dual enrolled students shall not count against the 120 semester hours and five (5) years limitation for the Tennessee HOPE Scholarship program.
The Dual Enrollment Grant shall be used for lower division (courses numbered 100-200 or 1000-2000) postsecondary degree-seeking courses.
*Please visit this link to learn more about this grant and the eligibility process: Tennessee Dual Enrollment Grant or CollegeforTN.org Dual Enrollment website.
Rising 11th and 12th graders who enroll full time (12 hours) in college coursework may be eligible for the Middle College Scholarship for $1,000 per semester.
*Please visit this link to learn more about this scholarship and the eligibility process: Tennessee Middle College Scholarship

EARLY COLLEGE & DUAL ENROLLMENT EXTREME

Wilson County Schools is pleased to partner with Cumberland University to offer eligible juniors and seniors a full-time college-experience through which students simultaneously earn high school and college credits towards a future degree pathway.

EARLY COLLEGE

The Early College Program is a program in which qualified high school juniors and seniors participate in college courses offered by the university's professors on the university's campus. Students in the Early College Program have the opportunity to complete 60 semester hours of college credits in four semesters (5 courses each semester), completing the requirements for an Associate of Art degree at the same time that they complete their high school diploma.
Courses will be offered to a cohort of students from area high schools on the university campus. Course offerings will ensure that participating students will be able to return to their high school campus to participate in programs and athletics that take place in the afternoons.

Who can participate?

To qualify for the Early College program for the fall of 2026, students must:

- ☐ Be recommended by their high school counselor and/or principal as being academically prepared to engage in college-level work, and possess the maturity and responsibility to ensure success.
- ☐ Have a minimum unweighted high school grade point average of 3.0.
- ☐ Have a composite 21 ACT with sub-scores of 22 in Mathematics and 20 in English.
- ☐ Submit all required documentation and registration forms. (School forms and University forms)

How much does it cost?

For those eligible for the TSAC dual enrollment grant, the estimated cost for tuition for 60 credit hours is approximately $6,000. An estimated maximum cost for books and materials is $200-$250 per semester. These fees are subject to change without notice.

Will I be a full-time college student?

Yes. You will attend all classes on the university campus, and be considered a Cumberland student. That means you will be issued a Cumberland University student ID, have access to all campus resources, such as the Tutoring, Counseling, and Career Services centers, as well as all campus facilities and events, etc. Early college students may audition to participate in musical and choral ensembles, including the marching band. However, Early college students cannot participate in collegiate athletics, and will not have access to the Jimmy Floyd center since they do not pay access fees. All courses will be scheduled to conclude by 1:30 so that you can return to your high school campus to participate in clubs, activities, and athletics as normal.

How do I apply?

Students seeking to enroll in the Cumberland University Early College program should apply using the

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Undergraduate Student application on the Office of Admissions website. When selecting “Academic Interest,” please select "Early College". After you submit your application, please work with your counselor to have your high school transcript and test scores sent to the Cumberland University Office of Admissions.

DUAL ENROLLMENT EXTREME

Dual Enrollment Extreme is available to seniors who would like to full-time enroll in college-level coursework (minimum of 12 hours per semester) on Cumberland University's college campus to earn credits for high school graduation requirements and earn college credits that do not necessarily align with the requirements of an Associate of Art degree.
The same eligibility requirements, application process, and benefits for Early College Program apply to the Dual Enrollment Extreme Program.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

CAREER & TECHNICAL EDUCATION PROGRAMS

CTE PROGRAM 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 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 Technologies 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 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.

CAREER & TECHNICAL STUDENT ORGANIZATIONS (CTSOs)

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. 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 Organization page.

GRADUATION REQUIREMENTS & COURSE SUBSTITUTIONS

Several Career and Technical Education courses are approved as graduation substitutions and have been reviewed to determine sufficiently rigorous content to count toward one of the required courses. See Graduation Requirements for more information.

CAREER CLUSTERS BY HIGH SCHOOL

Each career cluster below is linked to programs of study and courses offered at each high school. Each high school may not offer all courses due to facility & instructor availability.

Barry Tatum Virtual Learning Academy
Green Hill High School
Lebanon High School
Mount Juliet High School
Watertown High School
Wilson Central High School

WORK-BASED LEARNING COURSES

Work-Based Learning: Career Practicum is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to

extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills. Career Practicum activities may take one of two forms:

1) Workplace-Based: Students participate in individual work-based learning experiences in professional settings when they meet the hours required for full time course equivalent. These experiences include registered apprenticeships, cooperative education (co-op), and internships.

2) Classroom-Based: Students are immersed in a classroom-based experience where they learn through targeted industry involvement that may take the form of industry-driven project-based learning, school-based enterprise, and virtual enterprise. This model should incorporate industry engagement through activities like tours, informational interviewing, job shadows, community service projects, and technical mentoring to achieve learning standards at professional-level expectations.

Upon completion of the practicum, students will be prepared for postsecondary and career opportunities aligned with their interests and demonstrate professional-quality employability skills relevant to their chosen career paths.

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.

Work-Based Learning: Career Practicum

**CTE Program of Study Focused Course Code*

C10H40 • C10H41 • C10H42 • C10H43 • C11H24 • C11H25 • C11H26 • C12H60 • C12H61 • C12H62 • C13H40 • C13H41 • C13H42 • C13H43 • C14H19 • C14H45 • C14H46 • C14H47 • C14H48 • C14H91 • C15H29 • C16H21 • C16H22 • C17H45 • C17H46 • C17H47 • C17H48 • C17H49 • C18H61 • C18H62 • C18H63 • C18H64 • C18H65 • C18H66 • C18H86 • C19H35 • C19H36 • C19H37 • C19H38 • C20H34 • C20H35 • C20H36 • C21H45 • C21H46 • C21H47 • C21H48 • C29H16 • C29H17 • C30H26 • C30H27 • C30H28 • C31H28 • C31H29 • C31H30 • C32H34 • C32H35 • C32H36 • G25H29

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.

Grade Level: 11, 12

Prerequisite: Students should be a concentrator in a CTE program of study and have completed related courses prior to enrolling in this course.

Credit: 1 credit, up to 6 credits per year, including summer

Successful Skills Through Service Learning (C25H15)

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.

Grades: 11, 12

Credit: 1

ADVANCED MANUFACTURING

PROGRAMS OF STUDY

Welding

WELDING COURSES & SEQUENCING

Welding I DE (C13H03) 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.

Grade Level: 11, 12
Prerequisite(s): *Students that meet Dual Enrollment requirements
Credit: 1
EPSO: Dual Enrollment Course through TCAT

Welding II DE (C13H18) is designed to provide students with opportunities to effectively perform cutting and welding applications of increasing complexity used in the advanced manufacturing industry. Proficient students will build on the knowledge and skills of the *Welding I* course and apply them in novel environments, while learning additional welding techniques not covered in previous courses. Specifically, students will be proficient in (1) fundamental safety practices in welding, (2) gas metal arc welding (GMAW), (3) flux cored arc welding (FCAW), (4) gas tungsten arc welding (GTAW), and (5) quality control methods. Upon completion of the *Welding II* course, proficient students will be eligible to complete the American Welding Society (AWS) Entry Welder or the AWS SENSE Advanced Welders qualifications and certifications.

Grade Level: 11, 12
Prerequisite(s): Welding I, *Students that meet Dual Enrollment requirements
Credit: 2
EPSO: Dual Enrollment Course through TCAT

Level 4 - Manufacturing Practicum WBL (C13H08)
**This class can substitute for a fourth (4th) math credit*

Level 4 - Work-Based Learning: Welding Career Practicum (C13H43)

AGRICULTURE

PROGRAMS OF STUDY

Agribusiness
Agriculture Engineering, Industrial, & Mechanical Systems
Horticulture Science
Veterinary & Animal Science
Elective Courses

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H) 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
Credit: 1
EPSO: Local Dual Credit with Middle Tennessee State University, OSHA 10,
**This class can substitute for a third (3rd) lab science credit.*

AGRIBUSINESS COURSES & SEQUENCING

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
**This class can substitute for a third (3rd) lab science credit.*

Level 2 - Principles of Farm & Agribusiness Management (C18H41) teaches students to apply the economic and business principles involved in the sale and supply of agricultural products to a wide range of careers across the industry and builds the foundational knowledge of finance and marketing principles.

Grade Level: 9, 10, 11,12
Prerequisite: Agriscience (C18H19)
Credit: 1
**This class can substitute for a 4th level math class.*

Level 3 - Organizational Leadership & Communications (C18H18) or Honors Organizational Leadership & Communications (C18H18H) analyzes the attributes and capabilities of those in leadership positions; to assist students in the development of their communication skills and interpersonal relationships and other related skills. Most jobs are lost or gained because of the leadership and communication ability a person has. Students in this course participate in activities that will assist them in the development of communication and interpersonal skills transferable to any agribusiness application.

Grade Level: 10, 11, 12 Add 10th grade to this
Prerequisite(s): Principles of Agribusiness Management
Credit: 1
EPSO: Local Dual Credit Exam MTSU AGRI 1301 Leadership 3 hour course

Level 4 - Agricultural Business & Finance (C18H11) or Honors Agricultural Business & Finance (C18H11H)
Agricultural business/ finance contains standards that address the economic principles necessary for a successful business. As technology improves the ability to communicate, market and produce must change in order for industries to remain competitive.

Grade Level: 10, 11,12
Prerequisite(s): Organizational Leadership & Communications
Credit: 1
EPSO: Agribusiness: Fundamentals and Applications Dual Credit Exam (MTSU) Challenge Exam
Elective Focus / Graduation Requirements: This course satisfies the Personal Finance graduation requirement & Economics graduation requirement.
**This class can substitute for Economics & Personal Finance credits*

Level 4 - Work-Based Learning: Agribusiness Career Practicum (C18H61)

AGRICULTURE ENGINEERING, INDUSTRIAL, & MECHANICAL SYSTEMS COURSES & SEQUENCING

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
**This class can substitute for a third (3rd) lab science credit.*

Level 2 - Principles of Agricultural Mechanics (C18H12) 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.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade Level: 9, 10, 11,12
Prerequisite: Agriscience (C18H19)
Credit: 1
EPSO: OSHA 10 General Industry Certification

Level 3 - Agriculture Power and Equipment (C18H13) 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.

Grade Level: 10, 11,12
Prerequisite(s): Principles of Agricultural Mechanics
Credit: 1
EPSO: Briggs & Stratton Small Engine Basic Certification / Briggs & Stratton Master Service Technician*pending instructor Certifications

Level 4 - Agricultural Fabrication and Biosystems Engineering (C18H42) 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.

Grade Level: 10, 11,12
Prerequisite(s): Agricultural Power & Equipment
Credit: 1
EPSO: OSHA 30 Industry Certification, NC3 Snap-On Precision Measurements Instruments Certification. *pending instructor Certifications

**This class can substitute for a 4th level math class.*

Level 4 - Work-Based Learning: Agricultural Engineering, Industrial, and Mechanical Systems Career Practicum (C18H62)

HORTICULTURE SCIENCE COURSES & SEQUENCING

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
**This class can substitute for a third (3rd) lab science credit.*

Level 2 - Principles of Plant Science & Hydroculture (C18H30) 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

Grade Level: 9, 10, 11, 12
Prerequisite: Agriscience (C18H19)
Credit: 1
EPSO: BASF Plant Science Certification

Level 3 - Greenhouse Management (C18H17) is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. Upon completion of this course, proficient students will be equipped with the technical knowledge and skills needed to prepare for further education and careers in horticulture production. Greenhouse Management is a dual credit course with statewide articulation.

Grade Level: 10, 11,12
Prerequisite(s): Biology I, Agriscience, Principles of Plant Science & Hydroculture
Credit: 1
Elective Focus / Graduation Requirements: Satisfies third year lab science graduation credit
EPSO: Intro to Ornamental Horticulture Dual Credit Exam (MTSU) Challenge Exam

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Level 4 - Landscaping & Turf Science (C18H16) includes standards to prepare students for creating beautiful environments for homes and businesses. This course includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl, these career opportunities are increasing daily. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry.

Grade Level: 11,12
Prerequisite(s): Greenhouse Management
Credit: 1

**This class can substitute for a Fine Art credit.*

Level 4 - Work-Based Learning:Horticulture Science Career Practicum (C18H65)

VETERINARY & ANIMAL SCIENCE COURSES & SEQUENCING

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)

**This class can substitute for a third (3rd) lab science credit.*

Level 2 - Small Animal Science Technologies (C18H20) contains objectives for preparing students for careers in managing and caring for specialty and pet animals. This class will focus on such areas as parasite control, safe animal restraint, safety in chemical application, calculating medicine dosages, analyzing the benefit of neutering and spaying, animal rights vs. animal welfare. This course covers the anatomy and physiological systems of different groups of small animals, as well as related small animal science careers.

Grade Level: 9, 10, 11,12
Prerequisite: Agriscience (C18H19)
Credit: 1

Level 3 - Large Animal Science Technologies (C18H27) is an applied course that prepares students for a career in animal management or veterinary sciences. It includes basic knowledge of animal anatomy, nutrition, health, genetics, and animal facilities. Students will explore ways to operate a successful livestock operation.

Grade Level: 10, 11,12
Prerequisite(s): Small Animal Science Technologies
Credit: 1
EPSO: Introduction to Animal and Veterinary Science Dual Credit Challenge Exam through MTSU, Elanco Fundamentals of Animal Science Certification

Level 4 - Honors Veterinary Science Technologies (C18H21H) is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills.

Grade Level: 11,12
Prerequisite(s): Large Animal Science Technologies
Credit: 1
EPSO: Introduction to Animal and Veterinary Science Dual Credit Challenge Exam through MTSU

**This class can substitute for a third (3rd) lab science credit.*

Level 4 - Work-Based Learning: Veterinary and Animal Science Career Practicum (C18H66)

COURSES FOR ELECTIVE CREDIT

Foundational Supervised Agricultural Experience I (C18H58) is the delivery model for Work-Based Learning (WBL) in approved AFNR programs. It consists of two levels, Foundational and Immersion.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Foundational SAE is career generic and focused on career exploration & planning, personal finance, workplace safety, college & career skills, and general agricultural literacy. Foundational SAE meets CTE Career Exploration and Planning expectations. SAEs require a documented formal project plan, accurate recordkeeping, and student supervision

Grade Level: 9, 10, 11, 12
Prerequisite: Agriscience (C18H19)
Credit: ½ credit each year, 1 max per student

Foundational Supervised Agricultural Experience II (C18HB7) is the second level work-based learning (WBL) delivery model used in approved Agriculture, Food, and Natural Resources (AFNR) programs. It consists of two levels, foundational and immersion SAEs. Foundational SAE – II builds on the expansion of focused career exploration and planning, personal finance, workplace safety, college and career skills, and general agricultural literacy. Foundational SAE - II meets CTE career exploration and planning expectations. All SAEs require a documented formal project plan, accurate recordkeeping, and student supervision.

Grade Level: 9, 10, 11, 12
Prerequisite: Agriscience (C18H19)
Credit: ½ credit each year, 1 max per student

Capstone Supervised Agricultural Experience (C18H57) is the delivery model for Work-Based Learning (WBL) in approved AFNR programs. It consists of two levels, Foundational and Immersion. Foundational SAE is career generic and focused on career exploration & planning, personal finance, workplace safety, college & career skills, and general agricultural literacy. Foundational SAE meets CTE Career Exploration and Planning expectations. Immersion SAE will meet WBL Capstone experience requirements for CTE credit and consists of entrepreneurship, internships, research, school-based enterprise, and service learning activities.

Grade Level: 11,12
Prerequisite: Agriscience (C18H19)
Credit: 1 each year, 2 max per student

Equine Science (C18H60) is designed to introduce students to the history and domestication, scientific principles of breeding and husbandry of horses, including production, care, and management of horses.

Grade Level: 10, 11,12
Credit: 1

Floral Design & Operations (C18H59) is designed to identify and demonstrate the principles and techniques related to floral design as well as develop the skills needed to manage floral enterprises. This course covers the analysis of artistic floral styles, historical periods, and diverse cultures.

Grade Level: 10, 11,12
Credit: 1
EPSO: Benz School of Floral Design Principles of Floral Design Certification

**This class can substitute for a Fine Art credit.*

ARTS, ENTERTAINMENT & DESIGN

PROGRAMS OF STUDY

Audio/Visual Production
Digital Arts & Design

AUDIO/VISUAL PRODUCTION COURSES & SEQUENCING

Level 1 - A/V Production I (C11H01) I is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in A/V (audio/visual) production occupations. Upon completion of this course, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production.

Students will establish basic skills in operating cameras, basic audio equipment, and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of A/V production, and legal issues affecting A/V production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Grade Level: 9, 10
Credit: 1

Level 2 - A/V Production II (C11H02) is the second course in the A/V Production program of study intended to prepare students for careers in audio/visual production. Building on knowledge acquired in A/V Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting A/V production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. 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.

Grade Level: 10, 11, 12
Prerequisite: A/V Production I (C11H01)
Credit: 1
EPSO: Adobe Certified Associate - Premier Pro

Level 3 - A/V Production III (C11H03) is an applied-knowledge course intended to prepare students to pursue careers and postsecondary learning in audio/visual production. Students in this course will apply knowledge and skills from previous courses in the program of study to create productions both independently and in teams, with the option of participating in a work-based learning experience for additional credit. Students will use industry equipment and technology to complete all phases of the production process, including planning, coordinating, capturing, editing, and distributing productions. Standards in this course include policies and regulations, independent and collaborative productions, distribution of media, and the production of live events. 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. Upon completion of this course, proficient students will be prepared for a career in audio/visual production or to transition to a postsecondary program for further study.

Grade Level: 10, 11, 12
Prerequisite: A/V Production II (C11H02)
Credit: 1-2
EPSO: OSHA 10 General Industry

Level 4 - Honors Applied Arts Practicum (C11H07H) is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Arts, A/V Technology, & Communications courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by professionals in these careers; students learn to refine their skills in problem-solving, research, communication, teamwork, and project management through the completion of a course-long project. The course is highly customizable to meet local system needs. Instruction may be delivered through school laboratory training or through work-based learning arrangements such

as internships, service learning, and job shadowing. Upon completion of the practicum, proficient students will be prepared to pursue postsecondary study in arts, A/V technology, or communications programs; or seek additional training or employment with the aid of the portfolio, which documents the student's work completed throughout the program of study.

Grade Level:, 11, 12
Prerequisite: Minimum of 2 credits in an Arts, A/V Technology, & Communications program of study.
Credit: 1
EPSO: Adobe Certified Associate (ACA) Industry Certification

Level 4 - Work-Based Learning: Audio/Visual Production Career Practicum (C11H25)

DIGITAL ARTS & DESIGN COURSES & SEQUENCING

Level 1 - Digital Arts & Design 1 (C11H06) is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Upon completion of this course, proficient students will be able to utilize industry tools to conceptualize and create communications solutions which effectively reach targeted audiences. Students will acquire basic skills in illustration, typography, and photography. Standards in this course include career exploration, an overview of the history of design, basic business management, and legal issues. In addition, students will begin compiling artifacts for inclusion in a digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Grade Level: 9, 10, 11
Credit: 1
Elective Focus / Graduation Requirements: Satisfies Fine Art credit requirement for graduation

**This class can substitute for a Fine Art credit.*

Level 2 - Digital Arts & Design II (C11H05) is a course that builds on the basic principles and design process learned in the introductory Digital Arts & Design I course. Upon completion of this course, proficient students will be able to perform advanced software operations to create photographs and illustrations of increasing complexity. Students will employ design principles and use industry software to create layouts for a variety of applications. Standards in this course also include an overview of art and design industries, career exploration, and business management. In addition, students will continue compiling artifacts for inclusion in a digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Grade Level: 10, 11, 12
Prerequisite: Digital Arts & Design I (C11H04)
Credit: 1
EPSO: Adobe Certified Associate (ACA) Industry Certification

Level 3 - Digital Arts & Design III (C11H16) is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three-dimensional designs. Upon completion of this course, proficient students will be able to use industry-standard software to create multimedia projects, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project

outcomes. Standards in this course also include professionalism and ethics, career exploration, and business and project management. In addition, students will continue compiling artifacts for inclusion in a digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Grade Level: 10, 11, 12
Prerequisite: Digital Arts & Design II (C11H05)
Credit: 1-2
EPSO: Adobe Certified Associate (ACA) Industry Certification

Level 4 - Honors Applied Arts Practicum (C11H07H) is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Arts, A/V Technology & Communications courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by professionals in these careers, students learn to refine their skills in problem-solving, research, communication, teamwork, and project management through the completion of a course-long project. The course is highly customizable to meet local system needs. Instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, service-learning, and job shadowing. Upon completion of the practicum, proficient students will be prepared to pursue postsecondary study in arts, a/v technology, or communications programs; or seek additional training or employment with the aid of the portfolio, which documents the student's work completed throughout the program of study

Grade Level: 11, 12
Prerequisite: Minimum of 2 credits in an Arts, A/V Technology, & Communications program of study.
Credit: 1
EPSO: Adobe Certified Associate (ACA) Industry Certification

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Level 4 - Work-Based Learning: Digital Arts & Design Career Practicum (C11H26)

CIVICS, PUBLIC SERVICE & SAFETY

PROGRAMS OF STUDY

Criminal Justice & Correction Services
Leadership in Government (JROTC)

CRIMINAL JUSTICE & CORRECTION SERVICES COURSES & SEQUENCING

Level 1 - Criminal Justice I (C30H00) 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.

Grade: 9, 10
Credit: 1
EPSO: IS-100.C : Introduction to the Incident Command System

Level 2 - Criminal Justice II (C30H01) 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.

Grade: 9, 10, 11
Prerequisite: Criminal Justice I (C30H00)
Credit: 1
EPSO: Challenge Exam Volunteer State Community College CRMJ 1010, National Basic 9-1-1 Dispatch Certification

Level 3 - Criminal Justice III: Criminal Investigations (C30H02) is the final course designed to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. 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.

Grade: 10, 11, 12
Prerequisite: Criminal Justice I (C30H00) and Criminal Justice II (C30H01)
Credit: 1
EPSO: Challenge Exam Volunteer State Community College CRMJ 1010

Level 3 - Criminal Justice Dual Enrollment I - 2020 Introduction to Corrections (C30H12) / Criminal Justice Dual Enrollment II - 1010 Introduction to Criminal Justice (C30H13)
Volunteer State Community College - These are a set of courses provided by Volunteer State Community College to challenge students in the Criminal Justice Pathway. Students must meet the criteria below to be considered for the Volunteer State Community College Dual Enrollment Courses.

Successful completion of the first two classes (Criminal Justice I and II) with a B or better.

Unweighted GPA of at least a 3.0.
Recommendations from the criminal justice teacher and a guidance counselor.
No disciplinary infractions.
Grade: 11, 12
Prerequisite: Criminal Justice I (C30H00) and Criminal Justice II (C30H01)
Credit: 1

Level 4 - Criminal Justice Practicum (C30H03) / Honors Criminal Justice Practicum (C30H03H) 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.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade: 11, 12
Prerequisite: Criminal Justice I (C30H00), Criminal Justice II (C30H01), Criminal Justice III (C30H02)
Credit: 1

Level 4 - Work-Based Learning: Criminal Justice and Correction Services Career Practicum (C30H27)

LEADERSHIP IN GOVERNMENT (JROTC) COURSES & SEQUENCING

****For detailed information course requirements and expectations for each individual program, please contact the school of that program****

Green Hill High School - Army JROTC
Lebanon High School - Air Force JROTC
Mount Juliet High School - Marine JROTC
Wilson Central High School - Navy JROTC

Level 1 - JROTC IA & IB (G08H04) provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically.

Grade: 9, 10, 11, 12
Credit: 2

**This class can substitute for a Lifetime Wellness credit.*

Level 2 - JROTC IIA & IIB (G08H05) provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. Leadership roles are assigned to second-year cadets. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically.

Grade: 9, 10, 11, 12
Prerequisite: JROTC IA & IB (G08H04)
Credit: 2

**This class can substitute for a Physical Education credit.*

Level 3 - JROTC IIIA & IIIB (G08H06) emphasizes leadership training and practical application. Cadet instructors and some cadet corps senior leaders are third-year cadets. Students will be required to wear proper JROTC acquired uniforms periodically.

Grade: 9, 10, 11, 12
Prerequisite: JROTC IIA & IIB (G08H05)
Credit: 2

**This class can substitute for U.S. Government & Civics & Personal Finance credits.*

Level 4 - JROTC IVA & IVB (G08H07) consists entirely of leadership training. Includes participation in leadership research and in the presentation of leadership talks to students or community groups. Practical application in staff planning and functioning are also exercised. Students will be required to wear proper JROTC acquired uniforms periodically.

Grade: 9, 10, 11, 12
Prerequisite: JROTC IIIA & IIIB (G08H06)
Credit: 2
EPSO: OSHA-10 General Industry

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Level 4 - Work-Based Learning: General Education Career Practicum (G25H29)

DIGITAL TECHNOLOGY

PROGRAMS OF STUDY

Coding
Cybersecurity
Web Design
Advanced Placement Digital Technology Courses

CODING COURSES & SEQUENCING

Level 1 - Computer Science Foundations (C10H11) is intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Programming and Software Development, and Web Design. Students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication.

Grades: 9, 10
Credit: 1

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 2 - Coding I (C10H14) is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi step procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

Grade: 9, 10, 11
Prerequisite: Algebra I (G02X02, G02H00), Computer Science Foundations (C10H11)
Credit: 1

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 3 - Coding II (C10H15) challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs.

Grade: 10, 11, 12
Prerequisite: Coding I (C10H14)
Credit: 1

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 3 - Mobile App Development (C10H22) is a course intended to teach students the basic concepts and skills of mobile app design. The course places an emphasis on the history of mobile technologies, design and development methodologies, code for mobile applications, application lifecycles, APIs, mobile device controls, user interfaces, deployment, publishing for mobile devices, developer tools, and career development. Upon completion of this course, proficient students will demonstrate an understanding of mobile app development concepts.

Grade: 10, 11, 12
Prerequisite: Algebra I (G02X02, G02H00), Computer Science Foundations (C10H11) Coding I (C10H14)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Credit: 1
**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 4 - Honors Coding Practicum WBL (C10H08H) is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Coding courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the program of study take on more responsibilities for producing independent work and managing processes involved in the planning, designing, refinement, and production of original software applications.

Grade: 11, 12
Prerequisite: Algebra I (G02X02, G02H00) and Coding II (C10H15)
Credit: 1
**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 4 - Work-Based Learning: Coding Career Practicum (C10H40)

CYBERSECURITY COURSES & SEQUENCING

Level 1 - Computer Science Foundations (C10H11)
**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 2 - Cybersecurity I (C10H19)is a course intended to teach students the basic concepts of cybersecurity. The course places an emphasis on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in house and external threats to network security and design, how to enforce network-level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will be demonstrating an understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

Grade: 9, 10, 11
Prerequisite: Algebra I (G02X02, G02H00), Computer Science Foundations (C10H11)
Credit: 1
EPSO: CompTIA Fundamentals Industry Certification
**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 3 - Cybersecurity II (C10H20) challenges students to develop advanced skills in concepts and terminology of cybersecurity. This course builds on previous concepts introduced in Cybersecurity I while expanding the content to include malware threats, cryptography, wireless technologies, and organizational security. Upon completion of this course, proficient students will be demonstrating an understanding of cybersecurity ethical decisions, malware threats, how to detect vulnerabilities, principles of cryptology, security techniques, contingency plan techniques, security analysis, risk management techniques, and advanced methods of cybersecurity.

Grade: 10, 11, 12
Prerequisite: Cybersecurity I (C10H19) / AP Cybersecurity (Course Code Pending)
Credit: 1
EPSO: CompTIA Security+ Industry Certificate
**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 4 - AP Cybersecurity

Level 4 - Honors Cybersecurity Practicum WBL (C10H21H) is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Cybersecurity courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the program of study take on more responsibilities for producing independent work and

managing processes involved in the planning, designing, refinement, and production of cybersecurity applications.

Grade: 11, 12
Prerequisite: Algebra I (G02X02, G02H00) and Cybersecurity II
Credit: 1-2

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 4 - Work-Based Learning: Career Practicum DELL TECH CREW (C10H41)

WEB DESIGN COURSES & SEQUENCING

Level 1 - Computer Science Foundations (C10H11)

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 2 - Web Design Foundations (C10H16) provides students with fundamental skills for Web page design using HTML and Web design software such as Dreamweaver, Flash, and Photoshop. Includes theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development.

Grade: 9, 10, 11
Prerequisite: Computer Science Foundations (C10H11), Algebra I (G02X02, G02H00), Geometry (G02H11, G02X03)
Credit: 1

**This class can substitute for a Fine Art credit.*

Level 3 - Website Development (C10H17) provides students with a project-based continuation of Web Design Foundations I. Students will develop Web design skills which include enhancing a Website with sound, audio, video, animation using Dreamweaver, Flash, Javascript, and Photoshop.

Grade: 10, 11, 12
Prerequisite: Web Design Foundations (C10H16)
Credit: 1

Level 4 - Honors Web Design Practicum WBL (C10H18H) provides students with the opportunity to apply the skills and knowledge learned in previous Web Design courses toward the completion of an in-depth project with fellow team members. Students will take on more responsibilities for producing independent work of managing processes involved in the planning, designing, refinement, and launch of a website. In addition to developing an understanding of the professional and ethical issues encountered by web design professionals in the workplace, students learn to refine their skills in problem-solving, troubleshooting, teamwork, marketing and analytics, and project management. Upon completion of the practicum, proficient students will be prepared for postsecondary study and career advancement in web design.

Grade: 11, 12
Prerequisite: Web Site Development (C10H17)
Credit: 1
EPSO: CIW Web Design Specialist Industry Certification

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Level 4 - Work-Based Learning: Web Design Career Practicum (C10H43)

ADVANCED PLACEMENT DIGITAL TECHNOLOGY COURSES

AP Computer Science Principles (G02H44) 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.

Grade: 10, 11, 12
Prerequisite: Computer Science Foundations (C10H11)
Credit: 1

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

AP Cybersecurity (Course Code Pending) provides a broad introduction to cybersecurity fundamentals. Students will learn to identify common threats, vulnerabilities, and attacks, and explore how to manage and mitigate risk through strategies like defense-in-depth. The curriculum covers cybersecurity in various domains, such as networks, data, and applications, and includes hands-on activities with tools like firewalls and intrusion detection systems. Students also explore the societal and professional impact of cybersecurity and may earn an employer-endorsed credential upon qualifying scores.

Grade: 10, 11, 12
Prerequisite: Computer Science Foundations (C10H11)
Credit: 1

EDUCATION

PROGRAMS OF STUDY

Teaching as a Profession

TEACHING AS A PROFESSION COURSES & SEQUENCING

Level 1 - Introduction to Teaching as a Profession (C32H33) is a foundational course in the Teaching as a Profession program of study for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. Upon completion of this course, proficient students will gain knowledge in the history of education in the United States, careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

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

Level 2 - Teaching as a Profession I (C32H01) is an intermediate course for students interested in learning more about becoming a teacher, school counselor, trainer, 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 will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study. Upon completion of this course, proficient students will have a fundamental understanding of instructional strategies needed for becoming an educator.

Grade Level: 10, 11, 12
Prerequisite: Introduction to Teaching as a Profession (C32H33)
Credit: 1
EPSO: Education Fundamentals

Level 3 - Teaching as a Profession II (C32H02) is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, scaffolding instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work, which will carry with them throughout the program of study. Upon completion of this course, proficient students will be prepared to take the capstone TAP III course and further their studies at the postsecondary level.

Grade Level: 10, 11, 12

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Prerequisite: Teaching as a Profession I (C32H01)
Credit: 1

Level 3 - Dual Enrollment Intro to Education (C32H04) is a short survey of the field of education. The history of American education, present educational philosophies, major problems, present practices, and the school as a social institution are considered. Field experience in the public schools and community service are required. *Volunteer State Community College university parallel course for EDUC 2000. Check with your post-secondary institution for transfer credit.*

**Students must meet Dual Enrollment requirements*
Grade Level: 11, 12
Prerequisite: Teaching as a Profession I (C32H01)
Credit: 1 credits
EPSO: Dual Enrollment Course through Volunteer State Community College / Cumberland University

Level 4 - Honors Teaching as a Profession Practicum WBL (C32H03H) 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.

Grade Level: 11, 12
Prerequisite: Teaching as a Profession II (C32H02)
Credit: 1

**This class can substitute for a fourth (4th) math credit if Math Placement*

Level 4 - Foundational Literacy Practicum (C32H37)
Level 4 - Work-Based Learning:Teaching as a Profession (K-12)Career Practicum (C32H36)

HEALTHCARE & HUMAN SERVICES

PROGRAMS OF STUDY

Behavioral Health
Diagnostic Services
Nursing Services
Sport & Human Performance
Therapeutic Services

BEHAVIOURAL HEALTH COURSES & SEQUENCING

Level 1 - Health Science Education (C14H14) 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.

Grade Level: 9, 10
Credit: 1

Level 3 - Honors Anatomy & Physiology (C14H09H) 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.

Grade: 10, 11, 12
Prerequisite: Health Science Education (C14H14)
Credit: 1

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

**This class can substitute for a third (3rd) lab science credit.*

Level 3 - Behavioral Health (C14H79) is the third level course designed to prepare students to pursue careers in the fields of behavioral medicine and social emotional health. Upon completion of this course, proficient students will be able to describe basic principles of behavioral health and wellness care in behavioral health settings, and current issues in Tennessee and America. In addition, students will continue to add artifacts to a portfolio, which they will continue to build throughout the program of study.

Grade: 11, 12
Prerequisite: Health Science Education (C14H14) & Anatomy & Physiology (C14H09)
Credit: 1
EPSO: OSHA-10 Industry Certification

Level 4 - Work-Based Learning: Behavioral Health Career Practicum (C14H91)

DIAGNOSTIC SERVICES COURSES & SEQUENCING

Level 1 - Health Science Education (C14H14)
Level 2/3 - Honors Anatomy & Physiology (C14H09H)

Level 2 / 3 - Diagnostic Medicine (C14H12) includes the study of cardiology, imaging, the medical laboratory, radiology, and other forms of diagnostic medicine. Upon successful completion, students will be able to perform basic medical diagnostic skills.

Grade: 10, 11, 12
Prerequisite: Health Science Education
Credit: 1
EPSO: OSHA-10 Industry Certification

Level 4 - Cardiovascular Services (C14H18) is designed for students interested in specific diagnosis and treatment of patients with cardiac and peripheral vascular disease. Upon successful completion, students will have an understanding of the roles and responsibilities of those seeking employment in the cardiovascular field of healthcare. Upon completion of this course, students will be proficient in the anatomy and physiology of the heart and knowledgeable about both invasive and non-invasive cardiovascular procedures. Students who complete a clinical internship in addition to this course will be eligible upon graduation to sit for the Certified Cartographic Technician (CCT) exam; relevant standards are indicated below with (CCT).

Grade: 12
Prerequisite: Anatomy & Physiology / Diagnostic Services
Credit: 1
EPSO: Certified EKG Technician (CET) Industry Certification, Certified Phlebotomy Technician

Level 4 - Clinical Internship WBL (C14H11) is designed to be completed in a hospital, nursing home, rehab center, medical office, dental office, or other health care facility depending on the elective focus the student has selected.

******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.*

Grade: 12
Prerequisite: Anatomy & Physiology / Diagnostic Services / Cardiovascular Services
Credit: 1

**This class can substitute for a third (3rd) lab science credit*

Level 4 - Work-Based Learning:Diagnostic Services Career Practicum (C14H19)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

NURSING SERVICES COURSES & SEQUENCING

Level 1 - Health Science Education (C14H14)

Level 2 / 3 - Medical Therapeutics (C14H15)

Level 2/3 - Honors Anatomy & Physiology (C14H09H)

Level 4 Honors Nursing Education WBL (C14H16H) focuses on the study of dealing with direct bedside nursing care. Includes clinical experience and supervised practice (for selected students) in a nursing home setting. Upon successful completion, the student will be eligible to take the state exam for Certified Nursing Assistant.

**Placement in this class is by application only. Have credit upon registration in a minimum of 2 Health Science classes. Some clinical sites require a drug screening and or immunization including Hep B and a TB skin test in order to participate; therefore, a drug screening and or proof of immunization plus a TB Skin test will be required to participate at those sites. A 90% attendance rate is required in order to receive credit in this class. Parent and Student informational meetings required prior to the start of class. Dates to be announced.*

Grade: 11, 12
Prerequisite: Medical Therapeutics / Anatomy & Physiology
Credit: 1
EPSO: Certified Nursing Assistant (CNA) Industry Certification, Certified Patient Care Technician (CPCT)

**This class can substitute for a third (3rd) lab science credit*

Level 4 - Clinical Internship WBL (C14H11)

Level 4 - Work-Based Learning:Nursing Services Career Practicum (C14H46)

SPORT & HUMAN PERFORMANCE COURSES & SEQUENCING

Level 1 - Health Science Education (C14H14)

Level 2/3 - Honors Anatomy & Physiology (C14H09H)

Level 2 / 3 - Rehabilitation Careers (C14H08) is designed for students interested in various therapies which include, but not limited to, physical therapy, occupational therapy, or sports medicine/athletic training. Upon successful completion, students will gain skills in ankle taping and other prevention taping, rehab of injuries, nutrition, and personal fitness. Students completing this class can apply to the clinical internship class of their senior year with the completion of A&P.

Grade: 10, 11, 12
Prerequisite: Health Science Education
Credit: 1
EPSO: OSHA-10 Industry Certification

Level 4 - Exercise Science (C14H22) is an applied course designed to prepare students to pursue careers in kinesiology and exercise physiology services. Upon completion of this course, proficient students will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts. Through these connections students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders. In addition, students have the opportunity to incorporate communication, goal setting, and information collection skills in their coursework in preparation for future success in the workplace.

Grade: 11, 12
Prerequisite: Rehabilitation Careers / Anatomy & Physiology
EPSO: Certified Personal Trainer (CPT) Industry Certification

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Level 4 - Dual Enrollment Sport and Human Performance III (C14H39) is an introductory course designed for students interested in exercise science, sports management, physical education, athletic training, or other related major. This course explores the history, philosophies, and principles of today's physical education programs within a practical, career-oriented framework.
**Students must meet Dual Enrollment requirements*
Volunteer State Community College university parallel course for EXSC 190 Intro to Exercise Science. Check with your post-secondary institution for transfer credit.

Grade Level: 11, 12
Credit: 1 credits
Prerequisite: Rehabilitation Careers / Anatomy & Physiology
EPSO: Dual Enrollment Course through VolState**,** Certified Personal Trainer (CPT) Industry Certification

Level 4 - Clinical Internship WBL (C14H11)

Level 4 - Work-Based Learning: Sport and Human Performance Career Practicum (C14H47)

THERAPEUTIC SERVICES COURSES & SEQUENCING

Level 1 - Health Science Education (C14H14)

Level 2 / 3 - Medical Therapeutics (C14H15)

Level 2/3 - Honors Anatomy & Physiology (C14H09H) / Anatomy & Physiology (C14H09)

Level 3 - Pharmacological Sciences (C14H20) 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 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 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

Grade: 12
Prerequisite: Medical Therapeutics / Anatomy & Physiology
Credit: 1
EPSO: Certified Pharmacy Technician (CPT) Industry Certification (students must be 18 to sit for exam)

Level 3 - Medical Assisting (C14H10)
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.

Grade: 11, 12
Prerequisite: Health Science Education AND Medical Therapeutics
Credit: 1
EPSO: Clinical Medical Assistant (CCMA)

Level 4 - Clinical Internship WBL (C14H11)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Level 4 - Work-Based Learning: Therapeutic Services Career Practicum (C14H48)

HOSPITALITY & EVENTS

PROGRAMS OF STUDY

Culinary Arts

CULINARY ARTS COURSES & SEQUENCING

Level 1 - Culinary Arts I (C16H06) equips students with the foundational knowledge and skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Upon completion of this course, proficient students will have knowledge in the components of commercial kitchen safety and sanitation, history of the foodservice industry, careers, nutrition, recipe basics, proper kitchen tools and equipment, and kitchen staples. Students will gain experience in commercial food production and service operations while preparing for further training at the postsecondary level. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Students must pass the food safety test with 100%.

Grade: 9, 10
Credit: 1
EPSO: OSHA 10 Industry Certificate

Level 2 - Culinary Arts II (C16H07) is an applied-knowledge course. Upon completion of this course, proficient students will have an understanding of commercial kitchen safety and sanitation, menu planning, food presentation, purchasing and inventory, preparation skills, cooking principles, and food preparation.

Grade: 10, 11
Prerequisite: Culinary I
Credit: 1
EPSO: ServSafe Food Handler Industry Certificate

Level 3 - Culinary Arts III (C16H08) is an advanced course intended to further equip students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Upon completion of the course, students will be proficient in components of commercial kitchen safety and sanitation, dining room service, food preparation and presentation, bakeshop preparation skills and equipment, and advanced cooking principles.

Grade: 11, 12
Prerequisite: Culinary II
Credit: 1
EPSO: ServSafe Manager Industry Certificate

Level 4 - Culinary Arts IV (C16H09) is the capstone course in the Culinary Arts program of study intended to prepare students for careers such as personal chef, caterer, executive chef, and food and beverage manager. Course content covers the components of commercial kitchen safety and sanitation, food presentation, bakeshop preparation skills, sustainability practices, professionalism, and business opportunities. A capstone project is required at the completion of the course. **Proper chef attire will be required to wear a minimum of once a week.*

Grade: 11, 12
Prerequisite: Culinary III
Credit: 1
EPSO: ServeSafe Manager Industry Certificate

Level 4 - Work-Based Learning: Culinary Arts Career Practicum (C16H21)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

MANAGEMENT & ENTREPRENEURSHIP

PROGRAMS OF STUDY

Accounting
Business Management & Administration
Entrepreneurship

ACCOUNTING COURSES & SEQUENCING

Level 1 - Introduction to Business and Marketing (C12H26)

Level 2 - Accounting I (C29H00) is an essential course for students who wish to pursue careers in business and finance, or for those who wish to develop important skill sets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. In this course, proficient Accounting students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements and apply financial analysis to business processes

Grade Level: 9, 10, 11
Prerequisite: Introduction to Business & Marketing
Credit: 1

Level 3 - Accounting II (C29H01) is an advanced study of concepts, principles, and techniques that build on the competencies acquired in Accounting I used in keeping the electronic and manual financial records of a sole proprietorship, a partnership, and a corporation. Departmental, management, cost, and not-for-profit accounting systems are explored.

Grade Level: 10, 11, 12
Prerequisite: Accounting I
Credit: 1

Level 4 - Financial Planning (C29H02) is the capstone course in the Banking and Finance program of study intended for students interested in advanced analysis of financial decision-making and wealth management. In this course, students will delve into advanced concepts related to saving, investment, taxation, and retirement planning, and will be responsible for compiling original portfolios of investment and retirement options to present to mock prospective clients.

Grade Level: 11, 12
Prerequisite: Accounting II
Credit: 1

Level 4 - Work-Based Learning:Accounting Career Practicum (C29H16)

BUSINESS MANAGEMENT & ADMINISTRATION COURSES & SEQUENCING

Level 1 - Introduction to Business and Marketing (C12H26)

Level 1- Principles of Office Applications (C12H84) is a foundational course intended to teach students the fundamentals and concepts involved in the use of common software applications used in an office. Upon completion of this course, students will gain basic proficiency in word processing, spreadsheets, and presentations. In addition, students will have engaged in key critical thinking skills and will have practiced ethical and appropriate behavior required for the responsible use of technology.

Grade Level: 9- 12
Credit: 1
EPSO: Microsoft 365 Fundamentals (MS-900)

Level 2 - Business Communications (C12H16) is designed to develop students' effective oral, written, and electronic communication skills. This course cultivates skills in multiple methods of correspondence,

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

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.

Grade Level: 10, 11, 12
Prerequisite: Introduction to Business & Marketing or Computer Applications
Credit: 1

Level 2 - Accounting I (C29H00) is an essential course for students who wish to pursue careers in business and finance, or for those who wish to develop important skill sets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. In this course, proficient Accounting students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements and apply financial analysis to business processes.

Grade Level: 10, 11, 12
Prerequisite: Introduction to Business & Marketing
Credit: 1

Level 3 - Business Management (C12H17) 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.

Grade Level: 11, 12
Prerequisite: Introduction to Business & Marketing
Credit: 1

**This class can substitute for Personal Finance Credits*

Level 4- Advanced Office Applications (C12H85) prepares students to continue postsecondary training in business related programs, provides advanced training for students pursuing a career in administrative and information support, and supports obtaining an industry certification in specific software applications (such as the Microsoft Office Suite). Course content and projects are meant to simulate workplace scenarios and draw on skills related to communications, operations, management, and teamwork, in order to accomplish information management goals.

Grade Level: 11,12
Prerequisite: Principles of Office Applications
Credit: 1-2
EPSO: MOS industry certification

Level 4 - Dual Enrollment Business Management & Administration (C12H01) is an examination of the development of computing technology and terminology. Topics include: identification of the functional components of a computer system; using word processing, spreadsheet, and presentation graphics; the proper handling of computer media; and an exploration of the uses of electronic mail and graphical Internet.

**Students must meet Dual Enrollment requirements*
Volunteer State Community College university parallel course for INFS 1010 Computer Applications. Check with your post-secondary institution for transfer credit.

Grade Level: 11, 12
Credit: 1 credits
EPSO: Dual Enrollment Course through VolState, MOS Industry Certification

**This class can substitute for an Economics credit.*

Level 4 - Work-Based Learning: Business Management Career Practicum (C12H61)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

ENTREPRENEURSHIP COURSES & SEQUENCING

Level 1 - Introduction to Entrepreneurship (C31H23) 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.

Grade: 9, 10
Credit: 1

Level 2 - Marketing & Management I: Principles (C31H00) / Honors Marketing & Management I (C31H00H) 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.

Grade: 9, 10, 11
Prerequisite: Introduction to Entrepreneurship
Credit: 1

**This class can substitute for an Economics credit.*

Level 3 - Entrepreneurship (C31H05)

**This class can substitute for Personal Finance & Economics credits.*

Level 4 - Business & Entrepreneurship Practicum (C12H35) 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 a work-based learning (WBL) experience through an internship or other off-campus or virtual arrangement.

Grade: 11, 12
Prerequisite: Two credits in a Business or Marketing Program of Study
Credit: 1

**This class can substitute for an Economics & Personal Finance credit.*

Level 4 - Work-Based Learning: Entrepreneurship Career Practicum (C31H29)

MARKETING & SALES

PROGRAMS OF STUDY

Marketing Management

MARKETING MANAGEMENT COURSES & SEQUENCING

Level 1 - Introduction to Business and Marketing (C12H26)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Level 2 - Marketing & Management I: Principles (C31H00) / Honors Marketing & Management I (C31H00H)
**This class can substitute for an Economics credit.*

Level 3 - Marketing & Management II: Advanced Strategies (C31H01) / H. Marketing & Management (C31H01H) is a study of marketing concepts and principles used in management. Students will examine the challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resource skills.

Grade: 10, 11, 12
Prerequisite: Marketing & Management I: Principles
Credit: 1

Level 4 - Retail Operations (C31H04) is designed to challenge students with the real world of supply chain management and merchandising services. The standards in this course are designed to prepare students with skills and knowledge related to buying, selling, human resource management, business operations, product management, promotion, and customer service. Decision-making skills, financial management, customer relations, ethics, and legal issues are also addressed.

Grade: 11, 12
Prerequisite: Marketing & Management I: Principles
Credit: 1

**This class can substitute for an Economics credit.*

Level 4 - Work-Based Learning: Marketing Management Career Practicum (C31H28)

SUPPLY CHAIN & TRANSPORTATION

PROGRAMS OF STUDY

Aviation Flight
Supply Chain Management

AVIATION FLIGHT COURSES & SEQUENCING

Level 1 - Introduction to Aerospace (C20H15) is a comprehensive foundational course for students interested in pursuing careers in aviation. This course covers the basic principles governing flight and the regulation of flight that every aviation professional must know regardless of his or her occupation—as a pilot or an engineer, a salesperson or a specialist, a mechanic or a statistician. In addition to acquiring foundational knowledge of safety procedures and industry regulations, students will also gain essential understanding of aircraft structures, the flight environment, basic procedures, and navigation. Upon completion of this course, proficient students will be prepared for further study in advanced Aviation Flight and/or Aviation Maintenance courses.

Grade: 11, 12
Credit: 1

Level 2 - Aviation I: Principles of Flight (C20H16) is a comprehensive foundational course for students interested in pursuing careers in aviation. This course covers the basic principles governing flight and the regulation of flight that every aviation professional must know regardless of his or her occupation—as a pilot or an engineer, a salesperson or a specialist, a mechanic or a statistician. In addition to acquiring foundational knowledge of safety procedures and industry regulations, students will also gain essential understanding of aircraft structures, the flight environment, basic procedures, and navigation. Upon completion of this course, proficient students will be prepared for further study in advanced Aviation Flight and/or Aviation Maintenance courses.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade: 11, 12
Prerequisite: Introduction to Aerospace
Credit: 1

Level 3- Aviation 2: Advanced Flight (C20H18) is the capstone course in the Aviation Flight program of study intended to prepare students for careers in aviation. While continuing to build upon the knowledge, skills, and competencies acquired in Introduction to Aerospace and Aviation I, students in Aviation II will receive rigorous instruction in preparation to take the Federal Aviation Administration (FAA) Private Pilot written exam. This course goes beyond the mastery of procedures under normal conditions learned in Aviation I: Principles of Flight and introduces students to the troubleshooting and diagnostic techniques used by pilots and other aircraft personnel to assess and correct for malfunctions, make adjustments in hazardous weather conditions, and perform other crucial emergency procedures. Continued emphasis is placed on maintaining the safety of flight and developing sound judgment ("judgment training") throughout these conditions.

Grade: 11, 12
Prerequisite: Aviation I
Credit: 1
EPSO: Private Pilot Knowledge Exam

Level 4- Unmanned Aircraft Systems Pilot (C20H29) is a course intended to prepare students for positions as commercial drone pilots for small Unmanned Aircraft Systems (sUAS). The course teaches students the knowledge and skills needed to successfully pilot sUAS (less than 55 lbs.). Students in Unmanned Aircraft Systems Pilot will receive rigorous instruction in preparation to take the Federal Aviation Administration (FAA) Remote Pilot Certification (Part 107) written exam also called the aeronautical knowledge exam. The course places an emphasis on applicable regulations, operating requirements, weather impacts, charts, aeronautical decision-making, and safety.

Grade: 11, 12
Prerequisite: Aviation II
Credit: 1
EPSO: Private Pilot Knowledge Exam

Level 4 - Work-Based Learning: Aviation Flight Career Practicum (C20H36)

SUPPLY CHAIN MANAGEMENT COURSES & SEQUENCING

Level 1 - Dual Enrollment Supply Chain Management I (C31H15) examines the expanding field of efficient computer-supported warehouses and logistics from an operations management standpoint. Topics include supply chain management, order processing, traffic management, electronic data interchange, handling and tracking shipments, scheduling of work, diagramming work and product flow, safety programs, and security issues

**Students must meet Dual Enrollment requirements*
Volunteer State Community College course LOGI 1000 Introduction to Logistics

Grade Level: 11, 12
Credit: 1 credit
EPSO: Dual Enrollment Course through VolState

Level 2 - Dual Enrollment Supply Chain Management II (C31H16) examines the field of transportation including the various modes, estimating costs, regulation and deregulation of transportation, international and intermodal trends. Related content includes provider relations, contract and common carrier services, and the transportation challenges related to growing international trade.

**Students must meet Dual Enrollment requirements*
Volunteer State Community College course LOGI 1010 Transportation

Grade Level: 11, 12
Credit: 1 credits
Prerequisite: Dual Enrollment Supply Chain Management I

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

EPSO: Dual Enrollment Course through VolState

Level 3 - Dual Enrollment Supply Chain Management III (C31H21) is a study concerning the basic rules governing the admissibility of criminal evidence, confessions, hearsay and exception the hearsay law, recent civil rights decisions, reconciliation of individual rights and community interest in law and order.
**Students must meet Dual Enrollment requirements*
Volunteer State Community College course LOGI 1030 Dist. Center & Warehouse MGMT
Grade Level: 11, 12
Credit: 1 credits
Prerequisite: Dual Enrollment Supply Chain Management II
EPSO: Dual Enrollment Course through VolState

Level 4 - Dual Enrollment Supply Chain Management IV (C31H22) examines the expanding field of Sourcing & Procurement, it's tie to Supply Chain Management, and its bottom-line impact on the business. Topics include purchasing operations, processes and procedures, supplier evaluation, supplier quality, global sourcing, e-commerce, contracts & their legal implications, negotiation, and ethics.
**Students must meet Dual Enrollment requirements*
Volunteer State Community College course LOGI 2040 Sourcing and Procurement
Grade Level: 11, 12
Credit: 1 credits
Prerequisite: Dual Enrollment Supply Chain Management III
EPSO: Dual Enrollment Course through VolState

STUDENTS WHO COMPLETE LEVELS 1-4 *PLUS* THE COURSES BELOW WILL EARN VOLSTATE'S
Transportation, Distribution, Warehousing, and Procurement Technical Certificate

GENERAL EDUCATION COURSES

This section of the Program of Studies for 2024-2025 is divided by subject area and includes the course name, course code, course description, credit value, appropriate grade level, and any prerequisites for each course approved for high schools to offer by Wilson County Schools and the Tennessee Department of Education.
This is designed to help students request the most rigorous courses for which they are capable in order to fulfill their graduation requirements and prepare for their post-secondary goals.
Not all high schools will offer all courses. Students should, therefore, work with their school counselors, teachers, administrators, and parents to determine what school offerings best meet their individual goals.
Please click on the following link to review the courses offered in each subject area:
Mathematics
English
Science
Social Studies
Physical Education
World Language
Fine Arts
Other Approved Courses

MATHEMATICS

MATHEMATICS GRADUATION REQUIREMENTS

Students must be enrolled in a mathematics course in at least 3 years of high school, and students pursuing a regular diploma must earn credits in Algebra I, Geometry, Algebra II, and a fourth higher level math course.*

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

*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 necessary math requirements for admission.
*Fourth Credit Math Approved Substitutions

RECOMMENDED MATH SEQUENCING

Pathway 1

- 7th Grade: 7th Grade Math
- 8th Grade: 8th Grade Math
- 9th Grade: Algebra I / Algebra I Honors
- 10th Grade: Geometry / Geometry Honors
- 11th Grade: Algebra II / Algebra II Honors
- 12th Grade: Statistics or SDC Statistics / Mathematical Reasoning for Decision Making / 4th Math Substitution

Pathway 2

- 7th Grade: 7th Grade Math
- 8th Grade: Algebra I
- 9th Grade: Geometry / Geometry Honors
- 10th Grade: Algebra II / Algebra II Honors
- 11th Grade: Honors Pre-Calculus or SDC Pre-Calculus / AP Pre-Calculus
- 12th Grade: AP Statistics* / AP Calculus AB / AP Calculus BC / SDC Statistics / 4th Math Substitution

Pathway 3

- 7th Grade: Algebra I
- 8th Grade: Geometry / Geometry Honors
- 9th Grade: Algebra II / Algebra II Honors
- 10th Grade: Honors Pre-Calculus / AP Pre-Calculus
- 11th Grade: AP Pre-Calculus / AP Calculus AB / AP Calculus BC / AP Statistics*
- 12th Grade: AP Calculus AB / AP Calculus BC / AP Statistics / SDC Statistics / 4th Math Substitution

Important Sequencing Notes

- Geometry Note: Students who take Geometry Honors (typically in Pathway 1 or 2, or 8th grade in Pathway 3) *may concurrently take Algebra II or Algebra II Honors with Geometry Honors*.
- AP Statistics* Note: The AP Statistics course indicated by an asterisk is *Concurrent with Honors Calculus or Honors Pre-Calculus with principal approval*.

MATHEMATICS COURSES & DESCRIPTIONS

Algebra 1 Extended Part 1 and Part 2 (G02H01/G02H02) is a two-course sequence designed for students to have extended pacing in mathematics. These courses will explore and apply concepts, processes, and skills that are essential to successfully completing the high school graduation requirement of Algebra I. Students in the first semester (Part 1) will learn introductory algebra skills. In the second

semester (Part 2), 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
Credit: 1 credit for each course (Part I is the elective credit; Part II is the required math credit.)

Algebra I (G02H00) 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
Credit: 1

Honors Algebra I (G02H00H) is for students who excelled in middle school mathematics. Course content addresses the topics of Algebra I in greater depth and at a faster pace, providing time for enrichment through the study of additional performance objectives and project-based learning opportunities. Students must successfully meet district and teacher expectations in the completion of honors criteria each grading period. Honors criteria activities may involve complex problem-solving research involving reading/writing, investigations and explorations, advanced use of technology, and making connections within the discipline and to the workplace.

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

Geometry (G02H11) 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) teaches 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. Students must successfully meet district and teacher expectations in the completion of honors criteria each grading period. Honors criteria activities may involve complex problem-solving research involving reading/writing, 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 Extended Part 1 & Part 2 (G02H06/G02H07) is a two-term sequence designed for students who complete Geometry and are not ready for a semester Algebra II course. These courses will explore and apply concepts, processes, and skills that are essential to successfully completing the high school graduation requirement. The first term is an elective credit and time is spent integrating Algebra I and introductory Algebra II skills. More time is devoted to skill development than is possible in the one-term Algebra II class.

Grade Level: 9, 10, 11, 12
Prerequisite: Algebra I

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Credit: 1 credit for each course

Algebra II (G02H05) further expands a student's understanding of functions and function types developed in Algebra I. In particular, cubic, exponential, inverse, logarithmic, piecewise, and radical functions are studied. Students explore techniques for representing and solving systems of equations, including graphically, algebraically, and through the use of matrices. In addition, Algebra II includes a more in-depth focus on using statistics to understand data and make decisions. Throughout the course, students explore the structures of and interpret functions and other mathematical models. Algebra II topics will build upon previous knowledge requiring students to reason,solve, and represent mathematical concepts in multiple ways; i.e., graphically, numerically, and algebraically. Modeling and real-world problems are introduced throughout the course with standards written to encourage the use of math to answer problems students will encounter in life.

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

Honors Algebra II (G02H05H) teaches all topics of Algebra II 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. Students must successfully meet district and teacher expectations in the completion of honors criteria each grading period. Honors criteria activities may involve complex problem-solving research involving reading/writing, 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

Mathematical Reasoning for Decision Making (G02H97) Applications and modeling using mathematics are the primary focuses of this course. Throughout the course, students explore mathematical content in the context of applications to the real-world. Topics will build upon previous knowledge requiring students to reason, solve, and represent mathematical concepts in multiple ways to encourage the use of math to answer problems students will encounter in life. This course is best intended for students who are planning to attend a College of Applied Technology, military service, or enter the workforce immediately following graduation.

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

Honors Pre-Calculus (G02H23H) combines topics from areas of higher mathematics, including trigonometry, complex numbers, and analytical geometry, sequences and series, probability, exponential and logarithmic functions, graphs, and vectors. Students who successfully complete this sequence will have a strong background for the first-year Calculus sequence. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter. Honors criteria activities may involve complex problem-solving research involving reading/writing, 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

AP Pre-Calculus (G02H96) explores everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. The scope of the course follows the topics listed in the College Board Advanced Placement

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Mathematics 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: Algebra I, Geometry, Algebra II
Credit: 1

AP Calculus AB (G02H24) is devoted to topics in differential and integral calculus. The scope of the course follows the topics listed in the College Board Advanced Placement Mathematics Course Description. Successful completion of this course will prepare students to take the AP exam with the possibility of earning college credit.

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) reviews all the topics covered in AP Calculus AB plus additional objectives and additional topics. 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: 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.

Statistics (G02H37) introduces students to the basic concepts of both descriptive and inferential statistics. Topics include collecting, displaying, interpreting, and analyzing data; surveys and experimental design; drawing conclusions about a population from a sample and predicting with data. Students must have a good understanding of equation solving and be comfortable working with functions and their graphs.

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

AP Statistics (G02H26) introduces students to the major concepts and processes of collecting/analyzing data and making inferences for a population from a sample. A good command of concepts of equation solving and working with functions and their graphs is essential. Students must quickly master computational skills and apply higher-order thinking skills. This 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: Algebra I, Geometry, Algebra II
Credit: 1

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

ENGLISH LANGUAGE ARTS

English Language Arts Graduation Requirement
Students must earn four credits of English Language Arts
English I,
English II,
English III, and
English IV

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

*Some Advanced Placement and Dual Enrollment courses can fulfill English III and English IV requirements: AP English Language & Composition, AP English Literature & Composition, AP Research, AP Seminar, Dual Enrollment English Program
*English II or English IV Approved Substitutions

ENGLISH LANGUAGE ARTS COURSES & DESCRIPTIONS

English I (G01H09) addresses four strands of literacy: Reading, both literary and informational texts; Writing, including research; Listening and Speaking; and Language. Students read a variety of books, fiction and nonfiction, short stories, poetry, drama, literary nonfiction and informational texts. Writing involves the modes of narrative, informative/explanatory, and argument/opinion with an emphasis on providing relevant and ample evidence to support a claim. Students have regular opportunities to conduct both limited and extended research and to share their findings in a variety of ways, including technology-based presentations, whole and small group discussions, and written products. This course continues to develop language knowledge and skills, enabling students to write and speak in registers appropriate to the purpose and audience.

Grade Level: 9
Credit: 1

Honors English I (G01H09H) students have demonstrated above grade level skills in reading and writing and an ability to work independently and collaboratively. As in **English I**, students read a variety of increasingly complex tests and write in various modes, with the additional expectation of extended reading, writing, and research. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter, while also completing at least one or more extended reading and writing assignments related to the quarter's content.

Grade Level: 9
Credit: 1

English II (G01H10) addresses four strands of literacy: Reading, both literary and informational texts; Writing, including research; Listening and Speaking; and Language. Students complete a survey of World Literature, including a variety of books, fiction and nonfiction, short stories, poetry, drama, literary nonfiction and informational texts. Writing involves the modes of narrative, informative/explanatory, and argument/opinion with an emphasis on providing relevant and ample evidence to support a claim while using increasingly sophisticated structures. Students have regular opportunities to conduct both limited and extended research and to share their findings in a variety of ways, including technology-based presentations, whole and small group discussions, and written products. This course continues to develop language knowledge and skills, enabling students to write and speak in registers appropriate to the purpose and audience.

Grade Level: 10
Prerequisite: English I
Credit: 1

Honors English II (G01H10H) students have successfully completed English I Honors or demonstrated above grade level skills in reading and writing and an ability to work independently and collaboratively. As in English II, students read a variety of increasingly complex texts and write in a variety of modes, with the additional expectation of extended reading, writing, and research. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter, while also completing at least one or more extended reading and writing assignments related to the quarter's content. Students are expected to demonstrate mastery of grammar and language mechanics in both writing and speaking by the end of the year.

Grade Level: 10
Prerequisite: English I
Credit: 1

English III (G01H11) continues to develop skills in the four strands of Reading, Writing, Listening and Speaking, and Language through a survey of American Literature. Students are expected to read and

analyze complex expository works of literary nonfiction, as well as a wide spectrum of various genres of American literature, in order to produce ample evidence to support inferences. Students will determine themes across multiple texts and express their thinking in writing and speaking supported by ample and relevant evidence from the texts. Writing will emphasize analysis of text, including research with appropriate citations. Writing will also focus on revising for specific purposes and audiences and editing to demonstrate command of language and mechanics.

Grade Level: 11
Prerequisite: English I and II
Credit: 1

Honors English III (G01H11H) students have successfully completed English II Honors or have demonstrated above grade level skills in reading and writing and an ability to work independently and collaboratively. In English III, students perform a variety of complex reading tasks focused on recurrent themes in American literature and foundational works of American political philosophy. Analytical writing (both argument/opinion and informative/explanatory) accounts for 80% of the students' writing. Students will become skillful in developing claims and counterclaims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter, while also completing at least one or more extended reading and writing assignments related to the quarter's content. Students are expected to demonstrate command of language in various writing and speaking contexts and tasks.

Grade Level: 11
Prerequisite: English I and II
Credit: 1

AP Language and Composition (G01H17) emphasizes critical reading, analysis, research, and composition. Students are expected to analyze a wide variety of complex prose from a variety of time periods, disciplines, and rhetorical contexts. Writing assignments emphasize development of critical analysis based on text and incorporating evidence from research. Extensive outside reading and writing is required. This is a college-level course approved by the Advanced Placement College Board. Reading selections may have mature and controversial themes. Students will develop the cognitive and communicative skills to do well on the AP English Language and Composition Examination in May.

Grade Level: 11 or 12
Prerequisite: English I and II
Credit: 1
*This course qualifies as an EPSO if students complete the course and attempt the exam.

English IV (G01H13) continues to develop and refine skills in Reading, Writing, Listening and Speaking, and Language through a survey of British Literature. Students are expected to read and analyze complex expository works of literary nonfiction, as well as a wide spectrum of various genres of British literature, in order to produce ample evidence to support inferences. Students will determine themes across multiple texts and express their thinking in writing and speaking supported by ample and relevant evidence from the texts. Writing will emphasize analysis of text, including research with appropriate citations. Writing will focus on developing increasingly sophisticated structures, blending modes of narrative, informative/explanatory, and argument/opinion, revising for specific purposes and audiences, and editing to demonstrate command of language and mechanics.

Grade Level: 12
Prerequisite: English I, II, III
Credit: 1

AP Literature and Composition (G01H18) is a rigorous college-level course in which students complete a survey of world literature. Students must write extensively well-developed compositions in all modes, especially literary analysis to evaluate structure and tone of pieces of text representing a variety of literary genres. Reading selections deal with mature themes. In addition to extended reading, students also complete an in-depth literary analysis incorporating MLA documentation. Students also regularly

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

practice timed Advanced Placement writing prompts in preparation for the AP English Literature and Composition Examination in May.

Grade Level: 12
Prerequisite: English I, II, III
Credit: 1

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

Bible (G01H25) students will acquire an understanding and appreciation of the Bible's major ideas, historical/geographical contexts, and literary forms. The course will include the study of the Bible in its historical, sociological, and cultural contexts, and its impact on later cultures, societies, and religions.

Grade Level: 11, 12
Minimum Credit: 0.5
Maximum Credit: 1

English Language Development 09 (G22H00) Fulfills English as a Second Language (ESL) service time. Designed for speakers of other languages and provided pursuant to an ILP by a teacher with an ESL endorsement to teach EL students. Focuses on the four domains of language; reading, writing, listening, and speaking. *NOTE: Two (2) credits in ELD may substitute for two (2) of the four (4) credits in English which are required for graduation. This course may substitute for one of the two (2) credits.

Grade Level: 9
Credit: 1

English Language Development 10 (G22H01) Fulfills English as a Second Language (ESL) service time. Designed for speakers of other languages and provided pursuant to an ILP by a teacher with an ESL endorsement to teach EL students. Focuses on the four domains of language; reading, writing, listening, and speaking. *NOTE: Two (2) credits in ELD may substitute for two (2) of the four (4) credits in English which are required for graduation. This course may substitute for one of the two (2) credits.

Grade Level: 10
Credit: 1

English Language Development 11(G22H02) Fulfills English as a Second Language (ESL) service time. Designed for speakers of other languages and provided pursuant to an ILP by a teacher with an ESL endorsement to teach EL students. Focuses on the four domains of language; reading, writing, listening, and speaking. *NOTE: Two (2) credits in ELD may substitute for two (2) of the four (4) credits in English which are required for graduation. This course may substitute for one of the two (2) credits.

Grade Level: 11
Credit: 1

English Language Development 12 (G22H03) Fulfills English as a Second Language (ESL) service time. Designed for speakers of other languages and provided pursuant to an ILP by a teacher with an ESL endorsement to teach EL students. Focuses on the four domains of language; reading, writing, listening, and speaking. *NOTE: Two (2) credits in ELD may substitute for two (2) of the four (4) credits in English which are required for graduation. This course may substitute for one of the two (2) credits.

Grade Level: 12
Credit: 1

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.

Grade Level: 9,10,11,12
Credit: 0

ENGLISH LANGUAGE ARTS ELECTIVES

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

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

area.

AP Seminar (G01H22) is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

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

*This course qualifies as an EPSO if students complete this course, the AP Research course, and the AP Research project.
*Successful completion of both AP Seminar and AP Research may fulfill English III or IV as a graduation requirement.

AP Research (G01H23) allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

Grade Level: 10, 11, 12
Prerequisite: English I, English II, and AP Seminar.
Credit: 1

*This course qualifies as an EPSO if students complete this course after completing AP Seminar and after completing the AP Research project.
*Successful completion of both AP Seminar and AP Research may fulfill English III or IV as a graduation requirement.

Creative Writing (G01H16) is a nine weeks course designed to expand the students' writing skills, logical thought processes, and original thinking as they explore different modes of writing. Students are expected to grow in their ability to think innovatively and logically and to express themselves effectively. Assignments include both individual and collaborative writing, and students are expected to share their work within the classroom community.

Grade Level: 9, 10, 11, 12
Prerequisite: English I
Minimum Credit: .5
Maximum Credit: 1

Advanced Creative Writing (G01H00) develops a creative outlet through additional writing experiences in fiction and/or nonfiction. Creative Writing allows them to promote self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format. 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 writing process; and use available technology in the creative process.

Grade Level: 10, 11, 12
Prerequisite: English I, Creative Writing
Minimum Credit: .5

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Maximum Credit: 1

Preparing for ACT, Postsecondary, & Career (G25H00) reviews skills and competencies required for success on the sections of the ACT. They will become familiar with the format and scoring of the ACT, learn test-taking skills, and receive individualized instruction, enabling them to demonstrate their knowledge on the ACT.

Grade Level: 9, 10, 11, 12
Minimum Credit: .5
Maximum Credit: 1

Journalism I Y/N (G01H15) supports the production of the school newspaper/yearbook. The class functions as a class and laboratory in which students learn and practice skills in writing, photography, graphic design, desktop publishing, selling and designing advertisements and marketing the newspaper/yearbook. Students in Journalism I support the production of the school newspaper/yearbook. They write and publish school newspaper/yearbook articles, take and crop photographs, create original graphics, and develop and balance the printing budget. This course is considered an elective course.

Grade Level: 9, 10, 11, 12
Prerequisite: English I
Minimum Credit: 1
Maximum Credits Allowed: 2
**This course is an application based course.*

Journalism II Y/N (G01H02) supports the production of the school newspaper/yearbook. The class functions as an advanced class and laboratory in which students learn and practice advanced skills in writing, photography, graphic design, desktop publishing, selling and designing advertisements and marketing the newspaper/yearbook. Students in Journalism II support the production of the school newspaper/yearbook. They write and publish school newspaper/yearbook articles, take and crop photographs, create original graphics, and develop and balance the printing budget. This course is considered an elective course.

Grade Level: 10, 11, 12
Prerequisite: English I
Minimum Credit: 1
Maximum Credits Allowed: 2
**This course is an application based course.*

Journalism III Y/N (G01H03) supports the production of the school newspaper/yearbook. The class functions as an advanced class and laboratory in which students learn and practice advanced skills in writing, photography, graphic design, desktop publishing, selling and designing advertisements and marketing the newspaper/yearbook. Students in Journalism III support the production of the school newspaper/yearbook. They write and publish school newspaper/yearbook articles, take and crop photographs, create original graphics, and develop and balance the printing budget. This course is considered an elective course.

Grade Level: 11, 12
Prerequisite: English I
Minimum Credit: 1
Maximum Credits Allowed: 2
**This course is an application based course.*

Journalism IV Y/N (G01H04) supports the production of the school newspaper/yearbook. The class functions as an advanced class and laboratory in which students learn and practice advanced skills in writing, photography, graphic design, desktop publishing, selling and designing advertisements and marketing the newspaper/yearbook. Students in Journalism IV support the production of the school newspaper/yearbook. They write and publish school newspaper/yearbook articles, take and crop

photographs, create original graphics, and develop and balance the printing budget. This course is considered an elective course.

Grade Level: 11, 12
Prerequisite: English I
Minimum Credit: 1
Maximum Credits Allowed: 2

**This course is an application based course.*

Mythology (G01H74) examines the classical pantheons of ancient civilizations (i.e. Greek, Norse, Egyptian, etc.), emphasizing the cultural impact of the myths analyzed.

Grade Level: 9, 10, 11, 12
Minimum Credit: .5
Maximum Credit:1

Speech and Communications (G01H06) develops public speaking skills. The curriculum includes skills in researching, writing, presenting, and adapting speeches to various audiences and purposes with various communication tools of perception, listening, speech apprehension, ethics, and nonverbal communication included. Forensics and debate may be included.

Grade Level: 9, 10, 11, 12
Minimum Credit: .5
Maximum Credit: 1

Film as Literature (Visual Literacy) (G01H05) interprets visual forms of media and analyzes and evaluates the effectiveness of the various types. Visual forms of media can include film, print, photography, stage productions, short videos, and graphic designs. These forms of media will be used to develop the student's ability to understand messages conveyed through images. Throughout the course, students will examine and analyze the effect of various forms of media in order to broaden students' cultural literacy.

Grade Level: 9, 10, 11, 12
Minimum Credit: .5
Maximum Credit:1

SCIENCE

SCIENCE GRADUATION REQUIREMENT

Students must earn three (3) credits in science courses: Biology, Chemistry or Physics, and one additional lab science. If Physics is used as a fourth year of math, it cannot count as a science credit for graduation purposes.

RECOMMENDED SCIENCE SEQUENCING

9th Grade- Environmental Science or H. Biology 1 or Agriscience
10th Grade- Biology, Chemistry or Physics
11th Grade- Chemistry or Physics or 3rd Lab Science
12th Grade- 4th Lab Science (recommended but not required)

*Graduation Requirement Course Substitutions - Several courses are approved as graduation substitutions and have been reviewed to determine sufficiently rigorous content to count toward one of the required courses. See Graduation Requirements for more information.

*Third Lab Science Approved Substitutions

***Students with qualifying disabilities as documented in the IEP are required to complete Biology and two other lab sciences**: Many colleges or universities may require Chemistry or Physics for admission. Please check with colleges of interest to verify admissions requirements.*

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

SCIENCE COURSES & DESCRIPTIONS

Environmental Science (G03H33) establishes the content knowledge and skills for Tennessee students necessary to prepare them for the rigorous levels of higher education and future job markets. The course provides students with an opportunity to develop an understanding of interrelationships in the natural world. In addition, it allows them to identify natural and man-made environmental problems and design and evaluate possible solutions for these problems. The academic standards for Environmental Science are research-based, supported by the National Research Council's Framework for K-12 Science Education. The standards establish the core ideas and practices of science and engineering that will prepare students to use scientific thinking to examine and evaluate knowledge encountered throughout their lives.

Grade Level: 9
Credit: 1

Biology I (G03H03) is the study of living organisms. Students will investigate the following: cells, interactions, photosynthesis and respiration, genetics, diversity of organisms, and biological evolution. The course will be taught with an emphasis on hands-on learning, laboratories, technology and relevancy to major life issues and career choices. The labs will include dissection. Students will take the state End of Course exam at the conclusion of the course which will count towards the student's semester grade.

Grade Level: 9, 10
Credit: 1

Honors Biology I (G03H03H) is a more in-depth study of topics presented in biology. Students will be asked to integrate scientific facts into abstract processes. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter. Students will take the state End of Course exam at the conclusion of the course which will count towards the student's semester grade.

Grade Level: 9, 10
Credit: 1

Honors Biology II (G03H09) is research-based, supported by the National Research Council's Framework for K-12 Science Education. Biology II provides students with the opportunity to focus on a particular aspect of life science in more detail while continuing to provide knowledge that is rooted in the same crosscutting concepts and practices utilized throughout all of the sciences. The academic standards for Biology II focus on organism classification and evolution with in depth analysis of plants and animals.

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

AP Biology (G03H10) is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Students study the evolution of living systems from molecular, cellular, organismal, and population levels. Specific topics include biochemistry, structure and function of organelles and cells, energy transformation in photosynthesis and respiration, the development of the chromosomal theory of inheritance, the regulation of the prokaryotic and eukaryotic genomes, biotechnology and society and mechanisms of evolution. It will prepare students to think critically about the rapidly changing field of biology. The laboratory component is equivalent to a typical college course. Students should be academically motivated with a great desire to learn the sciences. Extended time is required (before or after school, during intervention/enrichment, etc.) as per College Board. This rigorous course is intended for students who plan on entering biology fields and/or pre-medicine. Students will be preparing to take the College Board AP exam in May for the chance of earning college credit. Students should have strong knowledge of biology and chemistry concepts. We recommend students complete Biology I and Chemistry I prior to enrolling in the course.

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

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

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Chemistry I (G03H12) is a course that explores the properties of substances and the changes that substances undergo. Topics concentrate on three main areas: qualitative laboratory experiments; general problem-solving techniques; and the Atomic Theory of Matter. Students gain an understanding of nomenclature, processes in terms of molecules, and laboratory techniques. Students will investigate atomic structure, properties of matter and energy, interactions of matter, properties of solutions, and acids and bases. This course will be taught with an emphasis on hands-on laboratory investigations and integration of technology as much as possible. The course also emphasizes problem-solving and uses many algebraic math skills.

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

Honors Chemistry I (G03H12H) is a more in depth, faster paced course that explores the properties of substances and the changes that substances undergo. Topics concentrate on three main areas: qualitative laboratory experiments; general problem-solving techniques; and the Atomic Theory of Matter. Students gain an understanding of nomenclature, processes in terms of molecules, and laboratory techniques. Students will investigate atomic structure, properties of matter and energy, interactions of matter, properties of solutions, and acids and bases. This course will be taught with an emphasis on hands-on laboratory investigations and integration of technology to prepare students for possibly taking an Advanced Placement or dual enrollment science course. The course also emphasizes problem-solving and uses many algebraic math skills.

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

Honors Chemistry II (G03H15) builds on topics that were introduced in Chemistry I with increased rigor. Students will explore these advanced chemistry concepts and the seven core concepts (patterns; cause and effect; scale, proportion, and quantity; systems and system models; energy and matter; structure and function; and, stability and change) through laboratory techniques, manipulation of chemical quantities, and advanced problem-solving practices. Within the Chemistry II standards, scientific and engineering practices are embedded as a means to learn about specific topics identified for the course. Engaging in these practices with current applications will help students become scientifically literate and astute consumers of scientific information.

Grade Level: 11, 12
Prerequisite: Chemistry I, Algebra I , Algebra II (concurrent enrollment)
Credit: 1

AP Chemistry (G03H16) is designed to be the equivalent of the general college-level chemistry course, usually taken during a student's first college year. It is designed to be taken by students after successful completion of Chemistry and Algebra II; however, Algebra II may be taken concurrently with permission by a school administrator. Chemistry AP provides students with a general understanding of the structure of matter and its interactions. Specific topics covered are atomic theory, stoichiometry, thermochemistry, the electronic structure of atoms, gas laws, ionic reactions, reactions rates, chemical equilibria, introductory thermodynamics and electrochemistry. The laboratory component is equivalent to a typical college course. Students should be academically motivated with a great desire to learn the sciences. Extended time may be required (before or after school, during intervention/enrichment time, etc.) as per College Board. Students will be preparing to take the College Board AP exam in May for the chance of earning college credit.

Grade Level: 11, 12
Prerequisite: Algebra I, Algebra II, (concurrent enrollment), Chemistry (or staff approval)
Credit: 1

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

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Computer Science (G10H06) is a course intended to promote computational thinking and coding fundamentals and introduces computational tools that foster creativity. Computer science principles help students develop programming expertise and explore the workings of the internet.

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

**This class can substitute for a fourth (4th) math credit, or third (3rd) lab science credit.*

Ecology (G03H32) is a lab science that enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate fundamental ecological principles, population dynamics, natural resources, human interactions with the environment, and personal and civic responsibility. An emphasis will be placed on hands-on activities and outdoor labs to develop understanding of these concepts.

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

AP Environmental Science (G03H25) provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Due to the quantitative analysis that is required in the course, students must have taken at least one year of Algebra. Students will be preparing to take the College Board AP exam in May for the chance of earning college credit.

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

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

Honors Physics I (G3H20H) 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. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter.

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

**This class can substitute for a fourth (4th) math credit*

AP Physics 1 (G03H27) is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. No prior course work in physics is necessary for students to enroll in AP Physics 1. Students should have completed geometry and be concurrently taking Algebra II or an equivalent course. Although the AP Physics I course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics 1 course itself.

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

**This class can substitute for a fourth (4th) math credit*
**This course counts as an EPSO if students successfully complete the course and attempt the exam.*

AP Physics 2 (G03H28) is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

nuclear physics. Students entering AP Physics 2 need to have developed mastery of the learning objectives described in the AP Physics 1 curriculum framework to be prepared for AP Physics 2. Taking the AP Physics 1 course or a comparable introductory course in physics will satisfy this prerequisite. Students should also have taken or be concurrently taking pre-calculus or an equivalent course.

Grade Level: 10, 11, 12
Prerequisite: Biology, Algebra I, Geometry, Algebra I, AP Physics 1
Credit: 1

**This class can substitute for a fourth (4th) math credit*
*This course counts as an EPSO if students successfully complete the course and attempt the exam.

AP Physics C: Mechanics (G03H29) and Electricity and Magnetism (G03H24) is designed to be representative of courses commonly offered in colleges and universities. In the typical Physics C course, roughly one-half year is devoted to mechanics including: kinematics, Newtonian physics, work, energy, power, linear momentum, circular motion, oscillations and gravitation. Use of calculus in problem solving and in derivations is expected to increase as the course progresses. In the second half-year of the C course, the primary emphasis is on classical electricity and magnetism including: electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields and electromagnetism. Calculus is used freely in formulating principles and in solving problems. There are two College Board exams given in Physics C; one on mechanics and one on electricity and magnetism.

Grade Level: 11, 12
Prerequisite: Calculus (concurrent enrollment)
Credit: 1 for each course

**This class can substitute for a fourth (4th) math credit*
*****This course counts as an EPSO if students successfully complete the course and attempt the exam.

SOCIAL STUDIES

SOCIAL STUDIES GRADUATION REQUIREMENTS

1 credit World History & Geography
WORLD HISTORY & GEOGRAPHY APPROVED SUBSTITUTIONS
1 credit American History
AMERICAN HISTORY APPROVED SUBSTITUTIONS
0.5 credit U.S. Government
*U.S. Government & Civics Approved Substitutions
0.5 credit Economics
*Economics Approved Substitutions
0.5 Personal Finance
*Personal Finance Approved Substitutions

SOCIAL STUDIES COURSES & DESCRIPTIONS

World History and Geography (G04H10) is a comprehensive study of the progression of humans throughout the history of the leading civilizations of the world. Students will learn about the origins and consequences of the great military, economic and cultural events of the past centuries. Topics of study include the Renaissance, the Reformation, the rise of modern states, monarchies, the Enlightenment, revolution, WWI and WWII and its aftermath.

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

Honors World History and Geography (G04H10H) is for students who excelled in middle school history. Course content addresses the topics of World History and Geography in greater depth and at a faster pace, providing time for enrichment through the study of additional performance objectives and project-based learning opportunities. Students must successfully meet district and teacher expectations in the completion of honors criteria each grading period. This course is a comprehensive study of the progression of humans throughout the history of the leading civilizations of the world. Students will learn

about the origins and consequences of the great military, economic and cultural events of the past centuries. Topics of study include the Renaissance, the Reformation, the rise of modern states, monarchies, the Enlightenment, revolution, WWI and WWII and its aftermath.

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

AP Human Geography (G04H30) introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). College Course Equivalent AP Human Geography course is equivalent to an introductory college-level course in human geography. Prerequisites: There are no prerequisites for AP Human Geography. Students should be able to read college level texts and write grammatically correct, complete sentences.

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

AP World History (G04H29) students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. College Course Equivalent AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history. Prerequisites There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade Level: 10, 11, 12
Credit: 1

**This course may substitute for World History and Geography.*

AP European History (G04H22) students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations. College Course Equivalent AP European History is designed to be the equivalent of an introductory college or university survey of modern European history. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade Level: 10, 11, 12
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 causes and consequences of the Industrial Revolution and the United States' growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to our nation's entry into World War II, as well as the consequences for American life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes that have shaped the modern-day U.S. resulting from the Civil

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Rights Movement, Cold War, and recent events and trends. Additionally, students will learn about the causes and consequences of contemporary issues impacting the world today. Students will continue to use skills for historical and geographical analysis as they examine U.S. history after Reconstruction, with special attention to Tennessee connections in history, geography, politics, and people. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of U.S. history. The reading of primary source documents is a key feature of the American History course. Specific primary sources have been embedded within the standards for depth and clarity. Finally, students will focus on current human and physical geographic issues important in the contemporary U.S. and global society. All students enrolled in this statewide dual credit course take the free, online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who 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.
**Beginning in the fall of 2027, all Statewide dual credit courses will be fully discontinued by the TN Department of Education.*

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

AP U.S. History (G04H21) students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. College Course Equivalent AP U.S. History is equivalent to a two-semester introductory college course in U.S. history. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

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

**This course can substitute for United States History and Geography.*

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 the structure and processes of the government of the state of Tennessee and local governments. Students will recognize their rights and responsibilities as citizens as well as how to exercise these rights and responsibilities at the local, state, and national levels

Grade Level: 11,12
Prerequisite: U.S. History
Credit: 0.5

AP United States Government and Politics (G04H26) 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 U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. College Course Equivalent AP U.S. Government and Politics is equivalent to a one-semester introductory college course in U.S. government. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade Level:11, 12

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Prerequisite: U.S. History
Credit: 1
This course substitutes for United States Government & Civics

AP Comparative Government and Politics (G04H27) introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. College Course Equivalent AP Comparative Government and Politics is equivalent to a one-semester introductory college course in comparative government and politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade Level: 11, 12
Prerequisite: U.S. History
Credit: 1
**This course substitutes for United States Government & Civics*

Economics (G04H13) examines the allocation of scarce resources and considers the economic reasoning used by consumers, producers, savers, investors, workers, and voters. Students will explore the concepts of scarcity, supply and demand, market structures, national economic performance, money and the role of financial institutions, economic stabilization, and trade. Finally, students will examine key economic philosophies and economists who have and continue to influence economic decision-making.

Grade Level: 11, 12
Prerequisite: U.S. History
Credit: 0.5

AP Microeconomics (G04H24) is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. College Course Equivalent AP Microeconomics is equivalent to a one-semester introductory college course in economics. Students should be able to read a college-level textbook and possess basic mathematics and graphing skills

Grade Level: 11, 12
Prerequisite: U.S. History
Credit: 1
**This course may substitute for Economics.*

AP Macroeconomics (G04H25) is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. College Course Equivalent AP Macroeconomics is equivalent to a one-semester introductory college course in economics. Students should be able to read a college-level textbook and possess basic mathematics and graphing skills

Grade Level: 11, 12
Prerequisite: U.S. History
Credit: 1
**This course may substitute for Economics.*

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Personal Finance (G04H36)- Local Dual Credit 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 covers decision-making skills related to goal setting,producing income, budgeting, saving, borrowing,managing risk, and investing. The course helps students meet the growing complexities of personal financial management and consumer decision making.Upon completion of this course, proficient students will understand how their decisions will impact their future financial well-being. Students have the opportunity to take a challenge exam at the end of this course to earn 3 college hours upon enrollment at Cumberland University. There is a testing fee for this opportunity.

Grade Level: 10, 11, 12
Credit: 0.5

**This course qualifies as an EPSO if students complete the course and pass the local dual credit challenge exam via Cumberland University.*

SOCIAL STUDIES ELECTIVES

AP African American Studies (G04HC9) uses an interdisciplinary approach to understanding the African American culture. The course content covers early African History through the present day. It looks at all aspects of African American culture, including the use of artifacts and art, Primary source documents from books to posters, to art and music. Students will develop important skills such as applying disciplinary knowledge, source analysis, and argumentation. The course culminates in a two-part AP exam. The first portion of the exam is an in-class presentation where the student will verbally demonstrate their skill mastery, and the second portion is a traditional exam where the student will answer multiple choice questions and provide written responses.

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

AP Psychology (G04H28) introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. College Course Equivalent The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year. Prerequisites There are no prerequisites for AP Psychology. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade Level: 11, 12
Credit: 1

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

Contemporary Issues (G04H17Q) students will use inquiry skills to examine the issues that impact the contemporary world. Students will analyze the historical, cultural, economic, and geographic factors that have elevated certain issues to levels of concern in the United States and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues.

Grade Level: 9, 10, 11, 12
Minimum Credit: 0.5
Maximum Credit: 1

Psychology (G04H15Q) students will study the development of scientific attitudes and skills, including critical thinking, problem solving, and scientific methodology. Students will also examine the structure and function of the nervous system in humans, the processes of sensation and perception, lifespan

development, and memory, including encoding, storage, and the retrieval of memory. Students will look at perspectives of abnormal behavior and categories of psychological disorders, including treatment thereof. Students will elaborate on the importance of drawing evidence-based conclusions about psychological phenomena and gain knowledge on a wide array of issues on both individual and global levels. Students will examine social and cultural diversity as well as diversity among individuals. Throughout the course, students will examine connections between content areas within psychology and relate psychological knowledge to everyday life while exploring the variety of careers available to those who study psychology

Grade Level: 10, 11, 12
Minimum Credit: 0.5
Maximum Credit: 1

Sociology (G04H14) students will explore the ways sociologists view society and how they study the social world. Students will examine culture, socialization, deviance, and the structure and impact of institutions and organizations as well as selected social problems and how change impacts individuals and societies.

Grade Level: 9, 10, 11, 12
Minimum Credit: 0.5
Maximum Credit: 1

Tennessee History (G04H01Q) students will examine the history of Tennessee, including the cultural, geographic, economic, and political influences upon that history. Students will discuss Tennessee's indigenous peoples as well as the arrival of EuroAmerican settlers. Students will analyze and describe the foundation of the state of Tennessee. Students will identify and explain the origins, impact, and aftermath of the Civil War. Students will discuss the rise of a manufacturing economy. Finally, students will examine and discuss the Civil Rights Movement and Tennessee's modern economy and society.

Grade Level: 9, 10, 11, 12
Minimum Credit: 0.5
Maximum Credit: 1

PHYSICAL EDUCATION

PHYSICAL EDUCATION GRADUATION REQUIREMENTS

Students must complete 1.0 credit in Lifetime Wellness and 0.5 credit in an elective physical education course. A student may earn no more than a total of 8 P.E./Wellness credits.
The 0.5 Physical Education requirement may be met by substituting a documented and equivalent time of physical activity in marching band, JROTC, cheerleading, dance team, or TSSAA interscholastic athletics.
Lifetime Wellness Approved Substitutions
Physical Education Approved Substitutions

PHYSICAL EDUCATION COURSES & DESCRIPTIONS

Lifetime Wellness (G08H02) 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. At the end of the course students have the opportunity to take the Local Dual Credit exam with Cumberland University. There is a test fee associated with this exam. If students make a passing score on this exam, students will earn 1 college credit in Lifetime Wellness upon enrollment at Cumberland University.

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

*This course qualifies as an EPSO upon successful completion of the course and attempt of the Local Dual Credit exam.

Physical Education I (G08H00Q) 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
Credit: .5

Physical Education II (G08H01) expects students 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
Credit: 1

Physical Education II WI (G08H01W1) 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
Credit: 1

Physical Education II WII (G08H01W2) 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
Credit: 1

Physical Education II WIII (G08H01W3) 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
Credit: 1

WORLD LANGUAGE

WORLD LANGUAGE GRADUATION REQUIREMENT

Students must complete two credits 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. Students must complete and submit the World Language Waiver request for approval.
*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 of a world language waiver.

WORLD LANGUAGE COURSES & DESCRIPTIONS

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Honors French I (G24H21H) students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills (listening, speaking, writing and reading). Classroom interactions are increasingly conducted in the target language as skills progress. Students explore the similarities and differences between American culture and that of the French-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Honors French II (G24H22H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They will significantly expand their vocabulary in the target language while learning to function in real-life situations using more complex sentences and language structures. Students will read material on familiar topics and produce short writing samples, such as essays, journals and summaries. Classroom interactions are increasingly conducted in the target language as their skills progress. Students will continue to build their cultural competency in the French-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Honors French III (G24H23H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They communicate using increasingly complex language structures on a wide variety of topics, moving from concrete to more abstract concepts. At this level, students gain a deeper understanding of the French speaking world by experiencing authentic materials, such as news broadcasts, magazine articles and websites. Students will be able to identify and summarize significant details of what they read and hear when the topics are familiar. Classroom interactions are conducted in the target language. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

Grade Level: 10, 11, 12
Prerequisite: French I & II
Credit: 1

Honors French IV (G24H24H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They communicate using increasingly complex language structures on a wide variety of topics, moving from concrete to more abstract concepts. At this level, students gain a deeper understanding of the French speaking world by experiencing authentic materials, such as news broadcasts, magazine articles and websites. Students will be able to identify and summarize significant details of what they read and hear when the topics are familiar. Classroom interactions are conducted in the target language. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

Grade Level: 10, 11, 12
Prerequisite: French I, French II, French III
Credit: 1

AP French Language and Culture (G24H25) is a year-long college level course designed for students who have demonstrated a mastery of advanced conversation and language concepts. Students engage in activities that encourage the development of all four language skills (listening, speaking, reading and writing) through exposure to a variety of authentic text and audio sources based on the themes dictated by the College Board. All students take the AP Exam in May.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade Level: 11, 12
Prerequisite: French I & II & III (or staff approval)
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and attempt of the AP exam.

Honors Latin I (G24H13H) students are introduced to the principles of Latin grammar, basic vocabulary and English derivatives in order to build reading and writing proficiency. Emphasis is placed on the study and understanding of Roman mythology, culture and history, as well as exploring Latin's connections to modern languages. Daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Honors Latin II (G24H14H) continues the study of the principles of Latin grammar, vocabulary and English derivatives in order to build reading and writing proficiency. The course includes more exposure to Latin prose authors and poets, with an increasing emphasis on Roman culture and history as to the influence of classical civilizations on the modern world. Daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Spanish I (G24H04) students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills (listening, speaking, writing and reading) with an emphasis on the ability to communicate orally and in writing. Students explore the similarities and differences between American culture and that of the Spanish-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required.

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

Honors Spanish I (G24H04H) students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills (listening, speaking, writing and reading). Classroom interactions are increasingly conducted in the target language as skills progress. Students explore the similarities and differences between American culture and that of the Spanish-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

Grade Level: 9, 10, 11, 12
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 communicate orally and in writing. They learn to function in real-life situations using more complex sentences and language structures. Students will read material on familiar topics and produce short writing samples, such as journals and summaries. Students will continue to build their cultural competency in the Spanish-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required.

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

Honors Spanish II (G24H05H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They will significantly expand their vocabulary in the target

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

language while learning to function in real-life situations using more complex sentences and language structures. Students will read material on familiar topics and produce short writing samples, such as essays, journals and summaries. Classroom interactions are increasingly conducted in the target language as their skills progress. Students will continue to build their cultural competency in the Spanish-speaking world. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Honors Spanish III (G24H06H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They communicate using increasingly complex language structures on a wide variety of topics, moving from concrete to more abstract concepts. At this level, students gain a deeper understanding of the Spanish speaking world by experiencing authentic materials, such as news broadcasts, magazine articles and websites. Students will be able to identify and summarize significant details of what they read and hear when the topics are familiar. Classroom interactions are conducted in the target language. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

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

Honors Spanish IV (G24H07H) students continue to develop proficiency in all four language skills (listening, speaking, reading and writing). They communicate using increasingly complex language structures on a wide variety of topics, moving from concrete to more abstract concepts. At this level, students gain a deeper understanding of the Spanish speaking world by experiencing authentic materials, such as news broadcasts, magazine articles and websites. Students will be able to identify and summarize significant details of what they read and hear when the topics are familiar. Classroom interactions are conducted in the target language. This interactive course employs a variety of teaching methods and daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

Grade Level: 10, 11, 12
Prerequisite: Spanish I, Spanish II, Spanish III
Credit: 1

AP Spanish Language and Culture (G24H08) is a year-long college level course designed for students who have demonstrated a mastery of advanced conversation and language concepts. Students engage in activities that encourage the development of all four language skills (listening, speaking, reading and writing) through exposure to a variety of authentic text and audio sources based on the themes dictated by the College Board. All students take the AP Exam in May.

Grade Level: 11, 12
Prerequisite: Spanish I & II & III (or staff approval)
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and attempt of the AP exam.

FINE ARTS

FINE ARTS GRADUATION REQUIREMENT

Students must earn 1.0 credit in a fine arts class.
*Approved dual enrollment Fine Arts courses may meet this requirement.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

*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.
Fine Arts Approved Substitutions

FINE ARTS COURSES & DESCRIPTIONS

Visual Arts: Comprehensive I (G05H08) 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

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: Visual Arts: Comprehensive I
Credit: 1

Honors Visual Arts: Comprehensive III (G05H10H) students will continue their study of and refine their skills in observational drawing and painting, while also creating prints and mixed media works. Independent study will become more critical during the second semester, as students prepare for AP Studio Art. Art History, note taking, reading, writing, art criticism, and maintaining a productive sketchbook are also part of the curriculum. The honors curriculum requires a higher proficiency in art creation and significant independent study. As part of the Honors requirement, students must complete an Honors Portfolio component each quarter which may involve complex problem-solving, research involving reading/writing, investigations and explorations, advanced use of technology, and making connections within the discipline and to the workplace.

Grade Level: 10, 11, 12
Prerequisite: Visual Arts: Comprehensive II
Credit: 1

AP Studio Art: Drawing (G05H24) is for highly motivated students who are ready for the challenge of college-level work. Pencil, charcoal, content, colored pencil, oil pastel, ink, and paint are some examples of media which may be explored. As part of the curriculum, extra studio hours outside of the school day are required. This portfolio is evaluated and scored by national AP examiners in May. 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: 11, 12
Prerequisite: Visual Art II, preferably Visual Art III
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

AP Studio Art: 2-D Design (G05H30) is for highly motivated students who are ready for the challenge of college-level work. Drawing, painting, printmaking, mixed media, fabric design, and photography are some examples of media which may be explored. As part of the curriculum, extra studio hours outside of the school day are required. This portfolio is evaluated and scored by national AP examiners in May. 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: 11, 12
Prerequisite: Visual Art II, preferably Visual Art III
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.

AP Studio Art: 3-D Design (G05H29) is for highly motivated students who are ready for the challenge of college-level work. Ceramics, metal work, plaster, fiber arts, and assemblage are some examples of media which may be explored. As part of the curriculum, extra studio hours outside of the school day are required. This portfolio is evaluated and scored by national AP examiners in May. 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: 11, 12
Prerequisite: Visual Art II, preferably Visual Art III
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.

AP Art History (G05H25) 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
Credit: 1

**This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.*

General Music (G05H11) is 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
Credit: 1

Band- Brass and Woodwinds (G05H82BWF and G05H82BWS) is 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

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Credit: 1

Band- Percussion and Color Guard (G05H82PF and G05H82PS) is 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

AP Music Theory (G05H26) is designed for the music student who is interested in pursuing a career in music and/or majoring in music. The course will include the study of music vocabulary, chord structure, key signatures, harmony, complex rhythms and other music reading skills in preparation for college music theory. This music theory course will also emphasize the student's development in the areas of sight singing and ear training. Students will be learning skills that are taught at a college freshman level of music theory. It is strongly recommended that students have a basic understanding of traditional music notation in treble and bass clef before beginning this course. Knowledge of major scales and key signatures is preferred. 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: 11, 12
Prerequisite:Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.
Credit: 1

*This course qualifies as an EPSO upon successful completion of the course and an attempt of the AP exam.

Class Piano I (G05HA5) is designed for the beginning student wishing to learn the basic fundamentals of piano playing. This is a laboratory course through the use of an electronic piano lab. Students do not need to have a piano available for home practice, though it would be helpful. Elements of music theory and music history are part of this course. After-school and/or evening performances may be required for this course.

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

Class Piano II (G05HA6) is for students wishing to continue in-depth study for piano, which will include repertory, sight-reading and improvisation. There will be a continued use of the electronic piano lab. Students are encouraged to access a piano for after school practice. Elements of music theory and music history are part of this course. After-school and/or evening performances may be required for this course.

Grade Level: 9, 10, 11, 12
Prerequisite: Class Piano I
Credit: 1

Concert Choir (G05X12F and G05X12S) is the traditional choral ensembles offered in 9th-12th grade. Students will study proper vocal technique and choral singing, music theory and history as well as participating in public performances throughout the year. Specific courses vary from school to school based on student enrollment. Examples include, but are not limited to: Beginning Choir, Concert Choir, Men's Choir, Women's Choir, Chamber Choir, Select Choir, and Jazz Choir. Some classes may include a prerequisite, teacher recommendation, and/or audition.

Grade Level: 9, 10, 11, 12
Prerequisite: skill dependent

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Credit: 1

Vocal Ensemble (G05X12VE) is the multi-age vocal music classes are traditional choral ensembles offered in 9th-12th grade. Students will study advanced vocal technique and choral singing, music theory and history as well as participating in public performances throughout the year. Course demands are higher and more rigorous, with more performance demands and faster-paced music instruction. Specific courses vary from school to school based on student enrollment. Examples include, but are not limited to: Men's Choir, Women's Choir, Chamber Choir, Select Choir, and Jazz Choir. Some classes may include a prerequisite, teacher recommendation, and/or audition.

- Grade Level: 9, 10, 11, 12
- Prerequisite: 1 year choir experience and audition
- Credit: 1

Theater Arts I (G05H16) is an overview of all aspects of theater. Students will study both performance and non-performance facets of theater including theater terminology, introductory theater history, and the fundamentals of acting. 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
Credit: 1

Theater Arts II (G05H17) focuses on the history of theater 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: Theater I or Recent Theatrical Experience
Credit: 1

Honors Theater Arts III (G05H18) studies 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, theater safety, polishing acting skills, resumes, and all of the other aspects of theater 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: Theater II
Credit: 1

Honors Theater IV (G05H19) is designed as preparation for students who are seriously considering a post-secondary study of theater or a career involving theater. Students will have intense training in play analysis, and do in-depth study of theater. They will assume leadership and responsibility for technical and production aspects of theater in presentations. Considerable time outside of class is required to fulfill the obligations of this course.

Grade Level: 12
Prerequisite: Theater III
Credit: 1

OTHER APPROVED COURSES

The below courses provide students opportunities for enrichment, remediation, intervention, and preparation.

Graduate On Time (G25H10) or 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
Minimum Credit: 0

Focus Period (G25H10) provides students an opportunity for intervention, remediation, preparation, or enrichment in academic coursework and/or an opportunity to participate in character development activities.

Grade Level: 9, 10, 11, 12
Credit: 0

Freshman Seminar (G25H00F) introduces freshmen to success skills for high school, college, and career. In this course students learn about high school transcripts, credits, grade point averages, study skills, time management skills, test-taking skills, note taking skills, and more. In addition, students work to improve reading, writing, speaking, presenting, and computer skills and learn how to make healthy choices and habits. Students will also take career interest surveys and research career opportunities to help them better plan for their futures.

Grade Level: 9
Credit: 0

Preparing for ACT, Postsecondary, & Career (G25H00) 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
Minimum Credit: .5
Maximum Credit:1

Senior Seminar (G25H00S) prepares seniors for college or career. They will develop their resume, improve their speaking and presenting skills, research college and career options, take interest in inventories, prepare for the ACT test, complete applications, write personal essays, learn how to develop healthy habits into adulthood, and more.

Grade Level: 12
Credit: 0

Success Skills Through Service Learning (Nature and Needs) (C15H13N) offers students not only the opportunity to teach, but also the opportunity to learn from students with disabilities and to shape attitudes of inclusiveness. Students in this course will have the opportunity to develop teaching skills, practice academic and social skills, become advocates and learn valuable advocacy skills, and explore realistic career opportunities.

Grade Level: 9, 10, 11, 12
Credit: 1
Maximum Credits Allowed: 2

ALTERNATE ACADEMIC PATHWAY & EXCEPTIONAL EDUCATION

ALTERNATE ACADEMIC DIPLOMA COURSES & DESCRIPTIONS

Students with qualifying exceptionalities as documented in an IEP may earn credits towards the AAD diploma in the following courses. Please see Alternate Academic Diploma for diploma requirements.

ENGLISH (AAD)

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Alternate Academic Diploma - English I (S01H00) is designed to replace or correspond with English I and focus on a student's functional literacy- speaking, listening, reading, and writing skills with a modified curriculum.

Grade Level: 9
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma- English II (S01H01)designed to replace or correspond with English II and focus on a student's functional literacy- speaking, listening, reading, and writing skills with a modified curriculum.

Grade Level: 10
Prerequisite: AAD English I
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - English III (S01H02) is designed to replace or correspond with English III and focus on a student's functional literacy- speaking, listening, reading, and writing skills with a modified curriculum.

Grade Level: 11
Prerequisite: AAD English I & AAD English II
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - English IV (S01H03) is designed to replace or correspond English IV and focus on a student's functional literacy- speaking, listening, reading, and writing skills with a modified curriculum.

Grade Level: 12
Prerequisite: AAD English I, AAD English II, & AAD English III
Credit: 0.5
Maximum Credits Allowed: 1

MATHEMATICS (AAD)

Alternate Academic Diploma - Algebra I (S02H00) is designed to replace or correspond with Algebra I and focus on a student's mathematical computation and reasoning skills with a modified curriculum.

Grade Level: 9
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - Geometry I (S02H02) is designed to replace or correspond with Geometry and focus on a student's mathematical computation and reasoning skills with a modified curriculum.

Grade Level: 10
Prerequisite: AAD Algebra I
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - Algebra II (S02H01) is designed to replace or correspond with Algebra II and focus on a student's mathematical computation and reasoning skills with a modified curriculum.

Grade Level: 11
Prerequisite: AAD Geometry
Maximum Credits Allowed: 1

Alternate Academic Diploma – Applied Mathematical Concepts (S02H03) is designed to replace or correspond with Applied Math and focus on a student's mathematical computation and reasoning skills with a modified curriculum.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Grade Level: 12
Prerequisite: AAD Algebra II
Maximum Credits Allowed: 1

SCIENCE (AAD)

Alternate Academic Diploma - Earth & Space Science (S03H01) is designed to replace or correspond with Earth and Space Science, Geology, and Ecology and to focus on a student's understanding of earth and space with a modified curriculum.

Grade Level: 9 or 11
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma- Biology I (S03H02) is designed to replace or correspond with Biology and to focus on a student's understanding of living organisms with a modified curriculum.

Grade Level: 10
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - Physical Science (S03H00) is designed to replace or correspond with Physical Science and to focus on a student's understanding of matter and energy with a modified curriculum.

Grade Level: 9 or 11
Credit: 0.5
Maximum Credits Allowed: 1

SOCIAL STUDIES (AAD)

Alternate Academic Diploma - World History & Geography (S04H00) is designed to replace or correspond with Physical Science and to focus on a student's understanding of civilizations throughout world history with a modified curriculum.

Grade Level: 9
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - U.S. History & Geography (S04H01) is designed to replace or correspond with Physical Science and to focus on a student's understanding of U.S. history from industrialization to current with a modified curriculum.

Grade Level: 11
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma - Personal Finance (S25H02) is designed to replace or correspond with Personal Finance and to focus on a student's understanding of budgeting, saving, and investing with a modified curriculum.

Grade Level: 12
Credit: 0.5
Maximum Credits Allowed: 1

Alternate Academic Diploma – Economics (S04H03) is designed to replace or correspond with Economics and to focus on a student's understanding of economics with a modified curriculum.

Grade Level: 12
Credit: 0.5
Maximum Credits Allowed: 1

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Alternate Academic Diploma - U.S Government & Civics (S25H00) is designed to replace U.S. Government and to focus on a student's understanding of U.S. government and civics with a modified curriculum.

Grade Level:12
Credit: 0.5
Maximum Credits Allowed: 1

OTHER SPECIAL EDUCATION APPROVED COURSES

Principles of Transition: Introduction to Self-determination (S25X28)
Principles of Transition: Focus on Adulthood (S25H03)
Principles of Transition: Planning for Postsecondary (S25H04)
Work-Based Learning: Special Education Transition (S25H01)
AAD Work-Based Learning (S25H05)
Special Education Intervention (S25X27)
Comprehensive Program Grade 9-12 Math (S02H04)
Comprehensive Program Grade 9-12 Science (S03H03)
Comprehensive Program Grade 9-12 Social Studies (S04H04)
Comprehensive Program Grade 9-12 English Language Arts(S01H04)
Speech Program Grades 7-12 (S25X08)
Language Program Grades 7-12 (S25X16)
Vision Programs Grades 7-12 (S25X02)
Hearing/Deaf Ed Program Grades 7-12 - Inclusion (S25X20)
Hearing/Deaf Ed Program Grades 7-12 (S25X05)
Completion of Partial SE Schedule (S25X21)
Completion of Partial SE Schedule (S25X22)

DUAL ENROLLMENT

Students, typically juniors or seniors, are considered qualified for dual enrollment courses if they have an unweighted GPA of 3.0 or higher in the subject area of enrollment, an ACT composite score meeting the partnering college or university's admission requirements, and, if applicable, an ACT subscore meeting the ACT Readiness Benchmark in the subject area of enrollment. Eligibility requirements may vary by institution and program. Prior to applying and registering for dual enrollment courses with any partnering college, university, or Tennessee College of Applied Technology (TCAT), students and parents must complete a Wilson County Schools Dual Enrollment Agreement and Permission to Transport form.

Dual enrollment courses can be taught at the postsecondary campus, the high school, or online. The location of the course does not affect the course's status as a dual enrollment course.
Students who complete and pass dual enrollment course(s) may earn high school and college credit if the course is aligned to one of the Tennessee Department of Education approved dual enrollment courses listed below. If a student is interested in taking a dual enrollment course for high school credit and the course is not listed below, the student must get prior approval from the Supervisor of High School Instruction or the Director of Schools. Otherwise, the dual enrollment course will not appear on the student's high school transcript and the student will not receive high school credit.

Students are responsible for seeking admission to the college or university with which Wilson County Schools partners, registering for classes, paying college tuition and all needed academic materials including textbooks, and transportation if necessary. Currently, Wilson County Schools only has partnerships with Tennessee College of Applied Technology Lebanon, Volunteer State Community College, Cumberland University, and Middle Tennessee State University. It is the responsibility of the student to verify that the credit will be accepted at the university they plan to attend and accepted as a high school credit before enrolling and registering for any dual enrollment course.

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

Students may at any time be dismissed from a dual enrollment course due to poor attendance, disciplinary issues, or lack of academic progress. If a student is dismissed from dual enrollment, the student will be enrolled in a high school course and will be responsible for completing any missed work to prove mastery of curriculum standards.
Each dual enrollment course for high school credit qualifies as an EPSO upon successful completion.

Weighted grades will be awarded in accordance with Board Policy 4.600.

Students may qualify for the dual enrollment grant to offset the costs of dual enrollment courses. Click here for more information about award information, eligibility, requirements, and application. The student is responsible for completing all necessary requirements for applying for this grant.
Course descriptions may vary depending on the college(s) or university with which Wilson County Schools partners. Course offerings are dependent on the college's or university's course catalog for dual enrollment student:

DE Accounting I **(C29H05)**
DE Accounting II **(C29H07)**
DE Advanced STEM Applications I **(C21H32)**
DE Advanced STEM Applications II **(C21H33)**
DE Agribusiness I **(C18H03)**
DE Agribusiness II **(C18H32)**
DE Agricultural Engineering & Applied Technologies I **(C18H02)**
DE Agricultural Engineering & Applied Technologies II **(C18H35)**
DE Agriculture, Food, Natural Resources **(C18H00)**
DE American Government **(G04H45)**
DE American Sign Language I **(G24HI9)**
DE American Sign Language II **(G24HJ0)**
DE Anatomy & Physiology II **(G03H88)**
DE Arabic **(G24H80)**
DE Architectural & Engineering Design I **(C17H04)**
DE Architectural & Engineering Design II **(C17H28)**
DE Art History I/Survey of Art History I **(G05H52)**
DE Art History II/Survey of Art History II **(G05H53)**
DE Art, Audio/Visual Technology, & Communications **(C11H04)**
DE Arts & Design I **(C11H08)**
DE Arts & Design II **(C11H09)**
DE Audio/Visual Production I **(C11H00)**
DE Audio/Visual Production II **(C11H15)**
DE Automotive Collision Repair I **(C20H02)**
DE Automotive Collision Repair II **(C20H23)**
DE Automotive Collision Repair III **(C20H24)**
DE Automotive Maintenance & Light Repair I **(C20H01)**
DE Automotive Maintenance and Light Repair II **(C20H21)**
DE Automotive Maintenance and Light Repair III **(C20H22)**
DE Automotive Maintenance and Light Repair IV **(C20H30)**
DE Aviation Flight I **(C20H03)**
DE Aviation Flight II **(C20H28)**
DE Aviation Maintenance I **(C20H04)**
DE Baking & Finance II **(C29H10)**
DE Banking & Finance I **(C29H09)**
DE Barbering I **(C19H05)**
DE Barbering II **(C19H24)**
DE Biology I **(G03H45)**
DE Biology II **(G03H46)**
DE Business Communications **(C12H51)**
DE Business Management I **(C12H01)**
DE Business Management II **(C12H47)**
DE Calculus Based Physics I **(G03H51)**
DE Calculus Based Physics II **(G03H52)**
DE Calculus I **(G02H51)**
DE Calculus II **(G02H52)**
DE Calculus III **(G02H53)**
DE Chemistry Research **(G03H91)**
DE Chinese (Mandarin) **(G24H79)**
DE Coding I **(C10H01)**
DE Coding II **(C10H28)**
DE College Algebra **(G02H48)**
DE Cosmetology I **(C19H04)**
DE Cosmetology II **(C19H23)**
DE Cosmetology III **(C19H27)**
DE Cosmetology IV **(C19H28)**
DE Criminal Justice and Correction Services I **(C30H12)**
DE Criminal Justice and Correction Services II **(C30H13)**
DE Culinary Arts I **(C16H01)**
DE Culinary Arts II **(C16H14)**
DE Cyber Security II **(C10H31)**
DE Cybersecurity I **(C10H24)**
DE Diagnostic Services I **(C14H02)**
DE Diagnostic Services II **(C14H26)**
DE Diesel Technology I **(C20H06)**

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

DE Diesel Technology II **(C20H25)**
DE Diesel Technology III **(C20H26)**
DE Diesel Technology IV **(C20H27)**
DE Dietetics & Nutrition I **(C19H03)**
DE Dietetics & Nutrition II **(C19H22)**
DE Early Childhood Education Careers I **(C32H10)**
DE Early Childhood Education Careers II **(C32H18)**
DE Educational Therapy & Support I **(C32H16)**
DE Educational Therapy & Support II **(C32H19)**
DE Electromechanical Technology I **(C13H02)**
DE Electromechanical Technology II **(C13H19)**
DE Emergency Services I **(C14H04)**
DE Emergency Services II **(C14H29)**
DE Emergency Services III **(C14H35)**
DE Emergency Services IV **(C14H36)**
DE Engineering I **(C21H00)**
DE Engineering II **(C21H11)**
DE English Composition I **(G01H30)**
DE English Composition II **(G01H31)**
DE English Language Arts **(G01H29)**
DE Entrepreneurship I **(C31H12)**
DE Entrepreneurship II **(C31H14)**
DE Environmental & Natural Resources Management I **(C18H06)**
DE Environmental & Natural Resources Management II **(C18H36)**
DE Exercise Physiology I **(C14H06)**
DE Exercise Physiology II **(C14H30)**
DE Exercise Science **(G03H63)**
DE Fashion Design I **(C11H13)**
DE Fashion Design II **(C11H14)**
DE Finite Mathematics **(G02H50)**
DE Fire Management Services I **(C30H14)**
DE Fire Management Services II **(C30H15)**
DE First Year Seminar **(G25H20)**
DE Food Science I **(C18H04)**
DE Food Science II **(C18H37)**
DE Foreign Language **(G24H71)**
DE French **(G24H72)**
DE French II **(G24HB3)**
DE General Chemistry I **(G03H47)**
DE General Chemistry II **(G03H48)**
DE German **(G24H73)**
DE Greek **(G24H81)**
DE Health & Wellness **(G08H16)**
DE Health Administration II **(C12H49)**
DE Health Services Administration I **(C12H03)**
DE Horticulture Science I **(C18H05)**
DE Horticulture Science II **(C18H33)**
DE Hospitality & Tourism II **(C16H16)**
DE Hospitality & Tourism Management I **(C16H02)**
DE Hospitality & Tourism Management II **(C16H15)**
DE Human & Social Sciences I **(C19H02)**
DE Human & Social Sciences II **(C19H26)**
DE Human Anatomy & Physiology I **(G03H43)**
DE Human Anatomy & Physiology II **(G03H44)**
DE Human Resources Management I **(C12H39)**
DE Human Resources Management II **(C12H50)**
DE Interior Design I **(C17H05)**
DE Interior Design II **(C17H29)**
DE Introduction to Film **(G01H80)**
DE Introduction to Theatre **(G05H56)**
DE Italian **(G24H76)**
DE Japanese **(G24H78)**
DE Latin **(G24H75)**
DE Latin II **(G24HB4)**
DE Leadership in Community Emergency Response I **(C15H22)**
DE Leadership in Community Emergency Response II **(C15H23)**
DE Machining Technology I **(C13H01)**
DE Machining Technology II **(C13H20)**
DE Machining Technology III **(C13H22)**
DE Machining Technology IV **(C13H23)**
DE Macroeconomics **(G04H41)**
DE Marketing Management I **(C31H10)**
DE Marketing Management II **(C31H11)**
DE Mathematics **(G02H47)**
DE Mechanical, Electrical, & Plumbing Systems I **(C17H03)**
DE Mechanical. Electrical, & Plumbing Systems II **(C17H30)**
DE Mechatronics I **(C13H04)**
DE Mechatronics II **(C13H21)**
DE Mechatronics III **(C13H24)**
DE Mechatronics IV **(C13H25)**
DE Medical Assisting **(C14H32)**
DE Medical Terminology **(C14H31)**
DE Microeconomics **(G04H40)**
DE Music Appreciation **(G05H54)**
DE Networking Systems I **(C10H02)**
DE Networking Systems II **(C10H29)**
DE Non-Calculus Based Physics I **(G03H49)**
DE Non-Calculus Based Physics II **(G03H50)**
DE Nursing Services I **(C14H03)**
DE Nursing Services II **(C14H27)**
DE Nursing Services III **(C14H33)**
DE Nursing Services IV **(C14H34)**
DE Organic Chemistry I **(G03H89)**
DE Organic Chemistry II **(G03H90)**
DE Personal Finance **(G04H43)**
DE Physical Education **(G08H17)**
DE Pre-Calculus I **(G02H90)**
DE Pre-Calculus II **(G02H91)**
DE Pre-Law I **(C30H16)**

Career Technical Education (CTE)

Students completing a CTE elective focus must complete three (3) credits in the same CTE career cluster or state-approved program of study.

DE Pre-Law II **(C30H17)**
DE Probability & Statistics/Elementary Statistics **(G02H49)**
DE Psychology **(G04H44)**
DE Public Management & Administration I **(C15H06)**
DE Public Management & Administration II **(C15H24)**
DE Religious Studies I **(G07H00)**
DE Religious Studies II **(G07H01)**
DE Residential & Commercial Construction I **(C17H01)**
DE Residential & Commercial Construction II **(C17H31)**
DE Residential and Commercial Construction III **(C17H33)**
DE Residential and Commercial Construction IV **(C17H34)**
DE Russian **(G24H77)**
DE Science **(G03H42)**
DE Service Learning **(C25H17)**
DE Social Studies **(G04H39)**
DE Sociology **(G04H42)**
DE Spanish **(G24H74)**
DE Spanish II **(G24HB2)**
DE Spanish III **(G24H82)**
DE Spanish IV **(G24H83)**
DE Speech/Fundamentals of Speech Communication **(G05H55)**
DE Structural Systems I **(C17H02)**
DE Structural Systems II **(C17H32)**
DE Supply Chain Management I **(C31H15)**
DE Supply Chain Management II **(C31H16)**
DE Survey of American History I **(G04H48)**
DE Survey of American History II **(G04H49)**
DE Survey of American Literature **(G01H32)**
DE Survey of British Literature **(G01H33)**
DE Survey of Literature of the Western World **(G01H35)**
DE Survey of Western Civilization I **(G04H50)**
DE Survey of Western Civilization II **(G04H51)**
DE Survey of World History I **(G04H46)**
DE Survey of World History II **(G04H47)**
DE Survey of World Literature **(G01H34)**
DE Teaching as a Profession (K-12) I **(C32H04)**
DE Teaching as a Profession (K-12) II **(C32H05)**
DE Technology **(C21H01)**
DE Technology II **(C21H12)**
DE Therapeutic Services I **(C14H05)**
DE Therapeutic Services II **(C14H28)**
DE Veterinary & Animal Science I **(C18H01)**
DE Veterinary & Animal Science II **(C18H34)**
DE Visual & Performing Arts **(G05H51)**
DE Web Design I **(C10H03)**
DE Web Design II **(C10H30)**
DE Welding I **(C13H03)**
DE Welding II **(C13H18)**
DE Welding III **(C13H26)**
DE Welding IV **(C13H27)**
DE Work-based Learning: Career Practicum **(C25H18)**
DE World Regional Geography **(G04H52)**

STATEWIDE DUAL CREDIT

**Beginning in the fall of 2027, all Statewide dual credit courses will be fully discontinued by the TN Department of Education.*

Statewide dual credit classes are college-level courses taught at the high-school level by trained high-school teachers. Course learning objectives are developed by Tennessee high school and college faculty in order to ensure alignment with post-secondary standards. All statewide dual credit courses are approved by the Consortium for Cooperative Innovative Education before they can be offered as a part of the state's current pilot program (see Public Chapter 967 for more information).

All students enrolled in a statewide dual credit course take the free, online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who 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.

High schools may offer these courses at the principal's discretion. Each school must complete an annual MOU to be approved to offer these courses.Each of these courses qualifies as an EPSO upon a student's successful completion of the course and attempt of the challenge exam.

Weighted grades will be awarded in accordance with Board Policy 4.600.

Career Technical Education (CTE)

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SDC American History II (HIST 2020)

LOCAL DUAL CREDIT & INDUSTRY CERTIFICATIONS

Local dual credit courses are high school courses that are each aligned to a local post secondary institution's course and exam. Students who pass the exam earn credits that are accepted and/or recognized by the local postsecondary institution upon student enrollment to the college or university . Courses are taught by licensed high school teachers or certified college instructors approved by the school system and the postsecondary institution.

High schools may offer local dual credit courses at principal's discretion with district approval and an MOU on file with the partnering college or university.

Weighted grades for local dual credit courses will be awarded in accordance with Board Policy 4.600.

Each of these courses qualifies as an EPSO upon a student's successful completion of the course and if necessary an attempt of the challenge exam. Students may need to pay a testing fee to attempt the challenge exam or pay a transcription fee to have the credit noted on the college transcript.

Local Dual Credit & Industry Credential opportunities:

Senior Focus
Employability Skills Industry Credential provides tangible skills and strategies to propel your career forward. Applicable in all fields, these courses focus on the professional soft skills identified by the Department of Education as what employers are expecting before day one.

Agriculture, Food, & Natural Resources
C18H18 Organizational Leadership & Communications: Introduction to Agriculture Leadership Dual Credit Challenge Exam (MTSU)
C18H11 Agribusiness: Fundamentals and Applications Dual Credit Challenge Exam (MTSU)
C18H13 Agriculture Power & Equipment: Briggs & Stratton Master Service Technician Industry Certification
C18H22 Agricultural and Biosystems Engineering: OSHA-30 Industry Certification
C18H30 Principles of Plant Science & Hydroculture: Introduction to Ornamental Horticulture Dual Credit Exam MTSU
C18H27 Large Animal Science: Introduction to Animal and Veterinary Science Dual Credit Challenge Exam (MTSU)

Arts, A/V Technology, & Communications
C11H06 Digital Arts Design III or C11H07H Honors Applied Arts Practicum: Adobe Certified Associate (ACA) Industry Certification

Business Management & Administration
C12X00 Computer Applications: Local Dual Credit Challenge Exam (Cumberland University)
C12H25 Advanced Computer Applications: MOS Industry Certification

Health Science
C14H09 Anatomy & Physiology: Medical Terminology Volunteer State Dual Credit Challenge Exam, Anatomy & Physiology Challenge Exam MTSU
C14H18 Cardiovascular Services: Certified EKG Technician (CET) Industry Certification
C14H16H Honors Nursing Education: Certified Nursing Assistant (CNA) Industry Certification

Career Technical Education (CTE)
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C14H20 Pharmacological Sciences: Certified Pharmacy Technician (CPT) Industry Certification
C14H10 Medical Assisting: Clinical Medical Assistant (CCMA) Industry Certification
C14H22 Exercise Science: Certified Personal Trainer (CPT) Industry Certification

Hospitality & Tourism
C16H09 Culinary Arts IV: ServeSafe Industry Certification

Information Technology
C10H19 Cybersecurity I: CompTIA Fundamentals Industry Certification
C10H20 Cybersecurity II: CompTIA Security+ Industry Certification
C10H14 Coding I: Local Dual Credit Volunteer State University
C10H15 Coding II: Local Dual Credit Volunteer State University
C10H18H Web Design Practicum: CIW Web Design Specialist Industry Certification

Law, Public Safety, Corrections, & Security
C30H01 Criminal Justice II: CRMJ 1010 Volunteer State Community College Challenge Exam
C30H02 Criminal Justice III: CRMJ 1360 Volunteer State Community College Challenge Exam

Lifetime Wellness
G08H02 Lifetime Wellness: Local Dual Credit Challenge Exam

Personal Finance
G04H36 or C29H11:Local Dual Credit Challenge Exam

Career Technical Education (CTE)

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