Mount Juliet High School Program of Studies

2023-2024

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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 Chuck Whitlock at (615) 444-3282. Inquiries concerning Section 504 should be directed to Caresa Dodson at (615) 444-3282. Inquiries concerning the American with Disabilities Act should be directed to Travis Mayfield at (615)444-3282.

FOREWORD

The information contained in the Wilson County Schools 2023-2024 Program of Studies for grades 9-12 and 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 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:

1. 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.
2. If student difficulties persist in the course, the parent should communicate with the teacher. Communication may occur by email, phone, or parent-teacher conference.
3. 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.

GRADUATION REQUIREMENTS AND DIPLOMA OPTIONS

**Wilson County Schools has four diploma options in 2023-2024*

REGULAR HIGH SCHOOL DIPLOMA

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

Graduation Requirements

1. **Mathematics: 4 Credits** - Algebra I, Algebra II, Geometry, and a fourth higher-level math course. (**Students must be enrolled in a mathematics course each school year.**)

    - Physics may count as a 4th math credit as long as the student has earned Algebra I, Geometry, and Algebra II credits.
    - Advanced Placement Calculus, Advanced Placement Statistics, Advanced Placement Computer Science, and Advanced Placement Physics may replace the fourth math credit.
    - Statewide Dual Credit Pre-Calculus or Statewide Dual Credit Statistics may replace the fourth math credit.
    - Dual Enrollment Math courses may count for the fourth math course.
    - *CTE Course Substitutions for a fourth level math course
        - Principles of Agribusiness
        - Agriculture & Biosystems Engineering

2. **English: 4 Credits** - English I, English II, English III, and English IV
    - Advanced Placement Language and Composition and Advanced Placement Literature may replace English III or English IV.
    - Advanced Placement Seminar combined with Advanced Placement Research may replace English IV.
    - Dual Enrollment English courses may count for English III and/or English IV

3. **Science: 3 Credits** - Biology, Chemistry or Physics, and a third lab course
    - Advanced Placement science courses, including Advanced Placement Computer Science, may count as a third lab science.
    - Dual Enrollment science courses may count for a third lab science.
    - *CTE Course Substitutions for a third lab course
        - SDC: Introduction to Plant Science
        - Agriscience
        - Engineering Design 1-2
        - Nutrition Science & Diet Therapy
        - Human Anatomy & Physiology
        - Veterinary Science
        - Food Science & Safety
        - BIOSTEM I-III
        - Advanced Food Science
        - Plant & Soil Science

4. **Social Studies: 3 Credits** - World History, American History, Economics, and U.S. Government and Civics
    - Advanced Placement Human Geography, Advanced Placement World History, or Advanced Placement European History may replace World History.
    - Advanced Placement U.S. History may replace American History.
    - Advanced Placement Macroeconomics or Advanced Placement Microeconomics may replace Economics.
    - Advanced Placement U.S. Government and Politics or Advanced Placement Comparative Government may replace U.S. Government and Civics.
    - Statewide Dual Credit World History and Statewide Dual Credit American History may replace World History and American History, respectively.
    - Dual Enrollment social studies courses may replace social studies requirements if aligned with required courses.
    - <u>*CTE Course Substitutions for Economics or Government Course requirements</u>
        - Agricultural Business & Finance (Economics)
        - Business Economics (Economics)
        - Entrepreneurship (Economics)
        - Marketing & Management I (Economics)
        - Retail Operations (Economics)
        - American Business Legal Systems (U.S. Government)
        - *JROTC Course Substitutions:
            - 3 years of JROTC will substitute for U.S. Government courses.

5. **Lifetime Wellness: 1 Credit**
    - *JROTC Course Substitutions:
        - 2 years of JROTC will substitute for Lifetime Wellness.

6. **Physical Education: .5 Credit**
    - This requirement may be waived if a student provides the school counseling office with 40 hours of documented physical activity in one of the following: any TSSAA recognized sport, school-based cheerleading, school-based dance squad, school-based marching band.
    - *JROTC Course Substitutions:
        - 2 years of JROTC will substitute for .5 credit of Physical Education.

7. **Personal Finance: .5 Credit**
    - <u>*CTE personal Finance course can be used or Agriculture Business & Finance (if the teacher holds personal finance certification)</u>
    - *JROTC Course Substitutions:
      3 years of JROTC will substitute for a Personal Finance course.

8. **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 2 additional courses in the student's elective focus area.

9. **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.
- Advanced Placement Art and Music courses may replace
- *CTE Course Substitutions for a Fine Arts Credit
  - Landscaping & Turf Science
  - Digital Arts I
  - Web Design Foundations

10. **Elective Focus***: **3 credits** - Three (3) credits must be earned in one of the programs of study listed below. These credits are in addition to the other required credits for graduation.
    - Math and Science
    - Humanities/Fine Arts
    - Career and Technical Education (CTE)
    - JROTC
    - Advanced Placement
    - Dual Enrollment

11. **Additional 4 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

1. 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.
2. U.S. Civics Assessment: All students must take and pass a U.S. Civics assessment.
3. Civics Project-Based Assessment: All students must complete a civics-based project.

Elective Focus Guidelines

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

The Elective Focus areas are:

1. **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.

2. **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.

3. **JROTC**
    - Successful completion of 2 years of JROTC will fulfill the Lifetime Wellness and Physical Education graduation requirements.
    - Successful completion of 3 years of JROTC will fulfill the Lifetime Wellness, Physical Education, Personal Finance, and U.S. Government requirements along with the elective focus requirement. A minimum of 3 complete years of JROTC credits are required to receive an elective focus in JROTC.

4. **Career Technical Education (CTE)**

This includes three courses in the same CTE Focus Area.

1. Advanced Manufacturing
2. Agriculture, Food, & Natural Resources
3. Architecture & Construction
4. Arts, Audiovisual Technology, and Communications
5. Business Management & Administration, Finance, Marketing
6. Education & Training
7. Health Science
8. Hospitality & Tourism
9. Information Technology
10. Law, Public Safety, Corrections, & Security
11. Science, Technology, Engineering, & Mathematics (STEM)
12. Transportation, Distribution, & Logistics
13. **Advanced Placement:** In order to achieve an Elective Focus in Advanced Placement, students must take at least three Advanced Placement courses and complete the three Advanced Placement Tests for those courses.
14. **Dual Enrollment:** In order to achieve an Elective Focus in Dual Enrollment, students must earn credit in at least 3 Dual Enrollment courses.

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:

1. Not met the requirements for a regular high school diploma;
2. Received special education services or supports and made satisfactory progress on an IEP;
3. Have satisfactory records of attendance and conduct;
4. Have completed the occupational diploma Skills, Knowledge, and Experience Mastery Assessment (SKEMA) created by the Tennessee Department of Education; **and**
5. 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.

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.

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:

1. Earns eighteen (18) credits that include:
    - English I, II, III, and IV
    - Algebra I and II
    - Geometry
    - 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
    - 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
2. Has a cumulative GPA of at least 3.2 on the Uniform Grading System four (4) point scale;
3. Scores at the on-track or mastered level on each end-of-course assessment taken
4. Meets benchmark scores of twenty-one (21) or higher composite score on the ACT or an equivalent score on the SAT;
5. Achieves a passing score on a nationally recognized world language proficiency assessment; **and**
6. 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.

ALTERNATE ACADEMIC DIPLOMA

Beginning with students entering the ninth (9th) grade in 2018, 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:

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

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:

1. Received special education services or supports and made satisfactory progress on an individualized education program (IEP);
2. Not met the requirements for a regular high school diploma; **and**
3. 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.

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:

- a 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 of 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:
  - Score at the on-track or mastered level 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.

Wilson County Work Ethic Distinction

- **Attendance Standard**
  - **(5 pts)** No more than 1 unexcused absence from school during senior year
  - **(3 pts)** No more than 3 unexcused absences from school during senior year
  - **(1 pts)** No more than 5 unexcused absences from school during senior year
- **Tardiness Standard**
  - **(2 pts)** No more than 1 tardy from school during senior year
  - **(1 pts)** No more than 3 tardies from school during senior year
- **Discipline Standard**
  - (2 pts) No discipline referrals during senior year
  - (1 pts) No more than 1 referral during senior year
- **Drug Free Standard**
  - (4 pts) Student Voluntary presents proof of being drug free
- **Overall Grade Point Average Standard**
  - (3 pts) Overall GPA above a 3.5 unweighted
  - (2 pts) Overall GPA between 3.00-3.499 unweighted
  - (1 pts) Overall GPA between 2.0-2.99 unweighted
- **Career and Technical Education (CTE) Coursework Standard**
  - (3 pts) Student has earned 3 or more CTE credits by the end of senior year
  - (2 pts) Student has earned 2 or more CTE credits by the end of senior year
  - (1 pts) Student has earned 1 or more CTE credit by the end of senior year
- **Career and Technical Education (CTE) Competition Standard**
  - (3 pts) Student has competed in an approved National-level CTE competition
  - (2 pts) Student has competed in an approved State-level CTE competition
  - (1 pts) Student has competed in an approved Regional-level CTE competition
- **TN Promise Standard**
  - (2 pts) Student is good standing with TN Promise
- **Dual Enrollment/ Credit Standard**
  - (2 pts) Student has earned credit for at least one Dual Enrollment, Dual Credit, or Advanced Placement course.
- **Industry Certification**

    - (3 pts) Student has earned a state or nationally recognized industry certification prior to graduation
- **Employed, Enlisted, or Enrolled Standard**
    - (2 pts) Student is registered or applied to a post-secondary institution, is employed, or has enlisted into military service.
- **Career Readiness: Academic Standard**
    - (3 pts) Student has earned College and Career readiness Lexile
- **Career Readiness: ACT Standard**
    - (4 pts) Student has earned College and Career benchmark in all subtests of the ACT
    - (3 pts) Student has earned College and Career benchmark in 3 subtests of the ACT
    - (2 pts) Student has earned College and Career benchmark in 2 subtests of the ACT
    - (1 pts) Student has earned College and Career benchmark in 1 subtests of the ACT
- **Industry Awareness Standard**
    - (3 pts) Student has participated in Work-based learning, an apprenticeship, or internship in a CTE related field.
- **Community Service Standard**
    - (3 pts) Student has completed 30 hours or more in community service
    - (2 pts) Student has completed 20 hours or more in community service
    - (1 pts) Student has completed 10 hours or more in community service
- **Gold Work Ethics distinction is 35 or more points**
- **Silver Work Ethics distinction is 30-34 points**
- **Bronze Work Ethics distinction is 25-29 points**

READY GRADUATE OPPORTUNITIES

What is a Ready Graduate?

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

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

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

What is an Early Post Secondary Opportunity?

An Early Post Secondary Opportunity, or EPSO, is a high school course or program that 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)
-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)

Grade Advantages for EPSOs

Students completing Local and Statewide Dual Credit Courses, Capstone Industry Certification-Aligned Courses, and Dual Enrollment Courses will receive an additional 4 points added to their final average. Students completing an Advanced Placement (AP) class will receive an additional 5 points added to their final average.
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

Watch this a video with information on Ready Graduate: Ready Graduate Video

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.

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:

1. 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.
2. 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:

1. Complete a course standard-specific diagnostic to determine standard-specific goals;
2. Meet individual standard-specific goals in a flexible time frame as established by identified student need;
3. Master all individualized skill-specific goals as established by the diagnostic process in order to earn credit; and
4. 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

1. Students will receive grades in accordance with the Wilson County Schools Credit Recovery Guidelines.
2. Students passing credit recovery shall receive a final grade of sixty percent (60%).
3. The student transcript shall denote that credit was attained through credit recovery.

4. 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).

NCAA & NAIA ELIGIBILITY

NCAA ELIGIBILITY

If a student wants to compete in NCAA sports at a Division I 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.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.

For more details about the Eligibility Center's response to COVID-19, click here.

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. Divison 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 16 on the ACT or 860 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.

*These test score requirements are for any athletes taking standardized tests from March 1, 2016 – May 1, 2019. After May 1, 2019, the test score requirements will be an 18 ACT or a 970 SAT.

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.

RIGOROUS ACADEMIC COURSEWORK

Wilson County Schools wants all students to take the most rigorous courses for which students demonstrate readiness.

Here are some opportunities for students to increase the rigor of their high school academic program:

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;
- 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.

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

Statewide Dual Credit Courses

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 must take the free online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students which meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution. Exam scores are reported on the high school transcript to ensure postsecondary credit is accurately awarded but are not used in any state accountability measures.

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

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.

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

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.

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. Visit Dual Enrollment Grant 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, Dual Enrollment Extreme Programs, and Collegiate Academy experiences to provide eligible students opportunities to enroll full-time in college-level coursework.

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 $94 each, but fee assistance may be available to qualified students.
Weighted grades will be awarded in accordance with Board Policy 4.600.

Industry Certification Courses

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.
Weighted grades will be awarded in accordance with Board Policy 4.600.
*These courses will be indicated in the Program of studies

Dual Enrollment Grant

THEC TSAC

Dual Enrollment Grant (DEG) Overview

Award Amounts*	
Course	2-yr/4-yr DEG
1	Up to $538.65
2	Up to $538.65
3	Up to $538.65
4	Up to $538.65
5	Up to $538.65
6 – 10	Up to $100/credit hour

***The award amount is based on a 3-credit hour course. The amount will differ depending on the number of credit hours.**

Application Deadlines		
Term	2-yr/4-yr Deadline	TCAT Deadline
Fall	September 15	November 1
Spring	February 1	March 1
Summer	May 15	

Apply at www.tn.gov/tsacstudentportal. Application is for an academic year. For example, the 2022-2023 application is used to apply for fall 2022, spring 2023, and summer 2023 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.
- DE students must earn a cumulative 2.00 DE GPA, for all courses attempted while under the grant, each semester to remain eligible for the grant.
- 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.
- A student may still qualify for the HOPE Scholarship by achieving a 21+ ACT or minimum 3.0 GPA upon graduation even if the student loses Dual Enrollment Grant eligibility.

Award Amounts	
Clock Hrs	TCAT DEG
1-40	$205.80
41-80	$277.20
81-135	$418.95
136-217	$728.70
218-340	$1,176
341-450	$1,315.65

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
- DE students must earn a cumulative 2.00 DE 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

Other Funding-Related 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 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 four (4) 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

The Dual Enrollment Grant shall be used for lower division (courses numbered 100-200 or 1000-2000) postsecondary degree-seeking courses.

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 PROGRAM & 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 2020, 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. (If rising juniors have not been able to take the ACT, the university is offering a substitute test on July 17th on campus.)
• 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. AND, all your courses will be scheduled to conclude by 12:30 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 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 PROGRAMS OF STUDY

Each Career Cluster is divided into a Program of Study that includes four levels of courses that build on each other as the student progresses throughout high school. Each level of courses provides a rigorous, industry-aligned deep dive into the specifics of that career.
For example, Career Cluster Agriculture, Food, & Natural Resources can be broken down into the Veterinary and Animal Science program of study. If a student chooses this Program of study they will take the following classes:
Level 1: Agriscience / Honors Agriscience
Level 2: Small Animal Science
Level 3: Large Animal Science
Level 4: Veterinary Science and / or Veterinary Clinical Internship
A student must earn two or more credits within a Program of Study to be considered a CTE Concentrator. A third course within the same Career Cluster meets the graduation requirement for an elective focus.

Early Post-Secondary Opportunities (EPSOs)

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

Career and Technical Student Organizations

Career and Technical Student Organizations (CTSOs) play a vital role in developing students both in and outside the classroom. These organizations offer competitive events, leadership training, and additional instruction opportunities for students to improve their learning in a particular career cluster. CTSOs help improve the quality of each of our career clusters. 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 Requirement Course Substitutions

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

- Fourth Year Math CTE Substitutions
    - Principles of Agribusiness

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

Career Clusters per High School

Each career cluster below is linked to programs of study and courses offered at each high school.
Green Hill High School
Lebanon High School
Mount Juliet High School
Watertown High School
Wilson Central High School

General Work-Based Learning CTE Courses

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

Work-Based Learning: Career Practicum (C25H16)

**CTE Program of Study Focused*

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(s): Varies by Program of Study
- Credit: 1, up to 2 credits per year

Successful Skills Through Service Learning (C25H15)

*****General WBL*

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

Programs of Study

- Mechatronics
- Welding

Mechatronics Courses and Sequencing

Level 1 - Principles of Manufacturing (C13H05)

Principles of Manufacturing is designed to provide students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. In order to gain a holistic view of the advanced manufacturing industry, students will complete all core standards, as well as standards in two focus areas. Throughout the course, they will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting. Course content covers basic quality principles and processes, blueprints and schematics, and systems. Upon completion of this course, proficient students will advance from this course with a nuanced understanding of how manufacturing combines design and engineering, materials science, process technology, and quality.

- Grade Level: 9 & 10
- Prerequisite: None
- Credit: 1
- EPSO: OSHA 10 Industry Certification

Level 2 - Digital Electronics (C13H07)
Digital Electronics is intended to provide students with an introduction to the basic components of digital electronic systems and equip them with the ability to use these components to design more complex digital systems. Proficient students will be able to (1) describe basic functions of digital components (including gates, flip flops, counters, and other devices upon which larger systems are designed), (2) use these devices as building blocks to design larger, more complex circuits, (3) implement these circuits using programmable devices, and (4) effectively communicate designs and systems.

- Grade Level: 9 & 10
- Prerequisite: Algebra I, Principles of Engineering or Principles of Manufacturing
- Credit: 1

Level 3 - Robotics & Automated Systems (C13H15)
Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in the industry. Upon completion of this course, proficient students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems.

- Grade Level: 10, 11, 12
- Prerequisite(s): Algebra 1, Geometry, Physical Science, Chemistry or Physics, Principles of Engineering or Principles of Manufacturing
- Credit: 1
- EPSO: FANUC Robotics Industry Certification

Level 4 - Dual Enrollment Mechatronics 1 (C13H04)
Mechatronics I is an applied course in the manufacturing cluster for students interested in learning more about careers as a mechatronics technician, maintenance technician, electromechanical technician, and manufacturing engineer. Upon completion of this course, proficient students are able to describe and explain the basic functions of physical properties and electrical components within a mechatronic system. They can logically trace the flow of energy through a mechatronic system and can communicate this process to others. They know how to effectively use technical documentation such as datasheets, schematics, timing diagrams, and system specifications to troubleshoot basic problems with equipment.

- Grade Level: 10, 11, 12
- Prerequisite(s): Robotics & Automated Systems, *Students that meet Dual Enrollment requirements
- Credit: 1
- EPSO: Dual Enrollment Course through TCAT

Level 4 - Dual Enrollment Mechatronics 2 (C13H21)
Mechatronics II is an advanced course in the manufacturing career cluster for students interested in learning more about such careers as mechatronics technician, maintenance technician, or electromechanical technician. Following the groundwork of mechanics and electronics laid in

Mechatronics I, this course covers the basics of pneumatic, electro-pneumatic, and hydraulic control circuits in a complex mechatronic system. In addition, the course addresses basic digital logic and programmable logic controllers (PLCs) employed in the mechanical, electronic, and control systems in a mechatronics system.

- Grade Level: 10, 11, 12
- Prerequisite(s): Mechatronics I, *Students that meet Dual Enrollment requirements
- Credit: 1
- EPSO: Dual Enrollment Course through TCAT

Welding Courses

WELDING I DE (C13H03)

Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer-aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Upon completion of the Welding I course, students will understand the requirements to pursue the American Welding Society (AWS) Entry Welder qualification and examination and will be prepared to undertake more advanced welding coursework.

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

WELDING II DE (C13H18)

Welding II 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

Courses for Elective Credit

****Can Replace Any Level 4 CTE Course*

Work-Based Learning: Career Practicum (C25H16)

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(s): Varies by Program of Study
- Credit: 1, up to 2 credits per year

AGRICULTURE, FOOD, & NATURAL RESOURCES MANAGEMENT CAREER CLUSTER COURSES

Programs of Study

- Agribusiness
- Agriculture Engineering & Applied Technologies
- Horticulture Science
- Veterinary & Animal Science
- Elective Courses

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
***All Agriculture Programs of Study**
Agriscience & Honors Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. It serves as the first course for all programs of study in the Agriculture, Food, and Natural Resources Cluster. The content area covers ecology, biological processes, sexual and asexual reproduction, and the study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

- Grade Level: 9, 10
- Credit: 1
- EPSO: OSHA 10 Industry Certification
- Elective Focus / Graduation Requirements: Satisfies third year lab science credit requirement for graduation

Agribusiness Courses and Sequencing

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
*See Page 35

Level 2 - Principles of Farm & Agribusiness Management (C18H41)
Principles of Farm & Agribusiness Management 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(s): Agriscience
- Credit: 1

Level 3 - Organizational Leadership & Communications (C18H18)

Leadership and communications analyze 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: 11, 12
- Prerequisite(s): Principles of Agribusiness Management
- Credit: 1

Level 4 - Agricultural Business & Finance (C18H11)
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: 11,12
- Prerequisite(s): Organizational Leadership & Communications
- Credit: 1
- EPSO: Statewide Agribusiness Dual Credit (Introduction to Agriculture Business AGRI1010), Agribusiness: Fundamentals and Applications Dual Credit Exam (MTSU) Challenge Exam
- Elective Focus / Graduation Requirements: This course satisfies the Personal Finance graduation requirement.

Optional Level 4 - State-Wide Dual Credit Introduction to Agriculture Business (C18H10 AGRI 1010)
**Students must pass a challenge exam to earn three hours of college credit for Introduction to Agriculture Business*
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: 11,12
- Prerequisite(s): Organizational Leadership & Communications
- Credit: 1
- EPSO: Statewide Agribusiness Dual Credit (Introduction to Agriculture Business AGRI1010), Agribusiness: Fundamentals and Applications Dual Credit Exam (MTSU) Challenge Exam

Agriculture Engineering, Industrial, & Mechanical Systems Courses and Sequencing

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
*See Page 35

Level 2 - Principles of Agricultural Mechanics (C18H12)
This course introduces students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine, and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques.

- Grade Level: 10, 11,12
- Prerequisite(s): Agriscience / H. Agriscience
- Credit: 1
- EPSO: OSHA 10 Industry Certification/ Briggs & Stratton Small Engine Basic Certification

Level 3 - Agriculture Power and Equipment (C18H13)
The course includes basic information and laboratory activities on small engines, tractors, and agricultural equipment maintenance, repair, and overhaul. Standards address competencies for electrical motors, hydraulic systems, and fuel-powered engines.

- Grade Level: 10, 11,12
- Prerequisite(s): Principles of Agricultural Mechanics
- Credit: 1
- EPSO: Briggs & Stratton Master Service Technician

Level 4 - Agricultural Fabrication and Biosystems Engineering (C18H42)
This is an applied course that prepares students for further study or careers in engineering, environmental science, agricultural design and research, and agricultural mechanics. Special emphasis is given to many modern applications or geographical information systems (GIS) and global positioning systems (GPS) to achieve various agricultural goals.

- Grade Level: 11,12
- Prerequisite(s): Agricultural Power & Equipment
- Credit: 1
- EPSO: OSHA 30 Industry Certification

Horticulture Science Courses and Sequencing

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
*See Page 35

Level 2 - Principles of Plant Science & Hydroculture (C18H30)
This course focuses on standards that challenge students to plan for future food needs using advanced technologies and less space. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics

- Grade Level: 9, 10, 11
- Prerequisite(s): Agriscience / H. Agriscience
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies third year lab science graduation credit

Level 3 - Introduction to Plant Science State-Wide Dual Credit (C18H09 AGRI1030)
**Replacing Greenhouse Management (C18H17)*
**This class is a Dual Credit class. A student must pass a challenge exam to receive Post-Secondary credit.*
This course covers topics to prepare students to be successful in all plant science-based careers. Topics covered include plant anatomy, reproduction, classifications, nutrition, and pest management. Greenhouse structures and production techniques are also covered.

- Grade Level: 10, 11,12
- Prerequisite(s): Principles of Plant Science & Hydroculture
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies third year lab science graduation credit
- EPSO: Statewide Plant Science Dual Credit (Introduction to Plant Science AGRI1030), Intro to Ornamental Horticulture Dual Credit Exam (MTSU) Challenge Exam

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

- Grade Level: 11,12
- Prerequisite(s): Greenhouse Management or Introduction to Plant Science State-Wide Dual Credit
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies Fine Arts graduation requirement
- EPSO: Capstone course Tennessee Specific Industry Certification and Dual Credit for Landscape and Turf Science Course

Veterinary & Animal Science Courses and Sequencing

Level 1 - Agriscience (C18H19) or Honors Agriscience (C18H19H)
*See Page 35

Level 2 - Small Animal Science Technologies (C18H19)
This course 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: 10, 11,12
- Prerequisite(s): Agriscience / H. Agriscience
- Credit: 1

Level 3 - Large Animal Science Technologies (C18H27)
This course 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

Level 4 - Honors Veterinary Science (C18H21H)
**This is a capstone course and all prerequisites must be met in order for students to qualify from the Tennessee Specific Industry Certification-Animal Science certification test. This test if successfully passed will earn both an Industry Certification and Dual Credit in the Introduction Animal Science course.*
Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills.

- Grade Level: 11,12
- Prerequisite(s): Large Animal Science Technologies
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies one laboratory science credit for graduation
- EPSO: TSIC Dual Credit and Industry Certification Challenge Exam

Courses for Elective Credit

Capstone Supervised Agricultural Experience SAE (C18H57)
Supervised Agricultural Experience (SAE) 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(s): Varies, All 4 courses in Program of Study,
- Credit: 1 each year, 2 max per student

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p. 34)*

Equine Science (C18H19)
Equine Science 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
- Prerequisite(s): Agriscience / H. Agriscience
- Credit: 1

Floral Design & Operations (C18H59)

Floral Design & Operations 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
- Prerequisite(s): Agriscience / H. Agriscience
- Credit: 1

Natural Resource Management (C18H28)

This course covers major types of wildlife resources and their management, major types of forest resources and their management, public policy, the role of public education in managing resources, as well as careers as an environmental scientist, conservationist, forester, or wildlife manager.

- Grade Level: 11,12
- Prerequisite(s): Plant & Soil Science
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies one laboratory science credit for graduation

ARTS, A/V TECHNOLOGY, & COMMUNICATIONS

Programs of Study

- Digital Arts & Design
- Audio Visual Production

Digital Arts and Design Courses & Sequencing

Level 1 - Digital Arts & Design 1 (C11H06)

An introduction to elements of design, spatial relationships, typography, and imagery as they apply to practical visual solutions for self-promotion, resumes, logo design, Web design, and sequential systems. This course instructs the student in graphic design skills employing traditional and digital tools, materials, and procedures employed in the communication arts industry. The focus will be on finding creative visual solutions to communication problems using technical skills.

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

Level 2 - Digital Arts & Design II (C11H05)

A continuing examination of elements of design, spatial relation relationships, typography, and imagery as they apply to practical visual solutions for print and Web applications. Students are introduced to operating procedures in the art department, design studio, and printing plant.

- Grade Level: 10, 11, 12
- Prerequisite: Digital Art Design I
- Credit: 1

Level 3 - Digital Arts & Design III (C11H16)

Digital Arts & Design III is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking

skills to create comprehensive multimedia projects and three-dimensional designs. 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 Art Design II
- Credit: 1-2
- EPSO: Adobe Certified Associate (ACA) Industry Certification

Level 4 - Honors Applied Arts Practicum (C11H07H)

The Applied Arts Practicum 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: Digital Art Design III
- Credit: 1
- EPSO: Adobe Certified Associate (ACA) Industry Certification

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Audio/ Visual Production Courses and Sequencing

Level 1 - A/V Production I (C11H01)

Audio / Visual Production I is offered for students interested in either the Audio and Video Technologies sub-cluster or the Journalism and Broadcasting sub-cluster of the arts and communication cluster. The overlap in these industries is extensive as can be witnessed in television, film, music, radio, newspaper, Web-cast, and entertainment just to name a few. This course is an entry-level course to prepare students for the media industry. Course content provides a broad-based exposure to audio, video, and journalism, and broadcasting within the media industry. Upon completion of this course, students will be prepared to pursue advanced coursework in either audio and video technology or journalism and broadcasting.

- Grade Level: 9, 10
- Credit: 1

Level 2 - A/V Production II (C11H02)

Audio / Visual Production II is offered in the audio and video technology sub-cluster to students who have completed Audio / Visual Production I. Course content focuses on broadcast production technologies utilizing simulated and/or real-life projects. This course centers on the production of various broadcasting products including, commercials, music, news, and interactive

programming. The student will gain valuable insight into the many facets of broadcast production, including but not limited to concept creation, scripting, sound design, visual design, engineering, editing, budgeting, and producing, as well as exploring some of the latest advances in industry technology. Upon completion of this course, students will be prepared to pursue advanced coursework.

- Grade Level: 10, 11, 12
- Prerequisite: A/V Production I
- Credit: 1

Level 3 - A/V Production III (C11H03)

Audio / Visual Production III is offered in the Journalism and Broadcasting sub-cluster to students who have completed Audio / Visual Production I and Audio / Visual Production II. This course focuses on simulated real-life broadcast production and management. Projects center on in-house production of newscasts, special events, and original programming. The student will gain valuable insight into both audio and video sides of the broadcasting industry. Course content is composed of scripting, reporting, directing, editing, budgeting, and producing, as well as cameras, lights, sound, and set design. This course will explore the latest digital technology and applications, research, and future trends in the broadcast industry. Upon completion of this course, students will be prepared to pursue post-secondary education or enter the broadcasting industry in an entry-level position. The educational laboratories will assimilate broadcast facilities in the broadcast industry.

- Grade Level: 10, 11, 12
- Prerequisite: A/V Production II
- Credit: 1-2

Level 4 - Honors Applied Arts Practicum (C11H07H)

The Applied Arts Practicum 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: 10, 11, 12
- Prerequisite: A/V Production III or Digital Art Design III
- Credit: 1
- EPSO: Adobe Certified Associate (ACA) Industry Certification

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)

****Can Replace Any Level 4 CTE Course (p.34)*

BUSINESS MANAGEMENT & ADMINISTRATION

Programs of Study

- Business Management
- Office Management

Business Management Courses and Sequencing

Level 1 - Introduction to Business and Marketing (C12H26)

**Level 1 Course for the following Programs of Study: Business Management, Health Services Administration, Human Resource Management Accounting, Banking & Finance, Marketing Management, Supply Chain Management*

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

- Grade Level: 9, 10
- Credit: 1

Level 2 - Business Communications (C12H16)

This course is designed to develop students' effective oral, written, and electronic communication skills. This course cultivates skills in multiple methods of correspondence, including social media, electronic publishing, design, layout, composition, and conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations. Students will use a variety of computer software and hardware tools currently used within the industry, with an emphasis on design and digital communication features to present information.

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

Level 2 - Accounting I (C12H00)

Accounting I 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)

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business.

- Grade Level: 11, 12
- Prerequisite: Business Communications / Accounting I
- Credit: 1

Level 4 - Statewide Dual Credit Induction to Business (C12H44)

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.

- Grade Level: 11, 12
- Prerequisite: Introduction to Business & Marketing, Accounting I, English II
- Credit: 1

Office Management Courses and Sequencing

Level 1 - Computer Applications (C12X00)

This course is designed to develop computer technology skills and basic proficiency in word processing, spreadsheets, databases, and presentations. Students will use a variety of computer software and hardware tools, features of an electronic information network, and common software applications. Students will explore the historical, social and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production; accurate production analysis; management of information and design and presentation of a multimedia project.

- Grade Level: 8-12
- Credit: 1
- EPSO: MOS Industry Certification, Local Dual Credit Challenge Exam with Cumberland University

Level 2 - Business Communications (C12H16)

This course is designed to develop students' effective oral, written, and electronic communication skills. This course cultivates skills in multiple methods of correspondence, including social media, electronic publishing, design, layout, composition, and conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations. Students will use a variety of computer software and hardware tools currently used within the industry, with an emphasis on design and digital communication features to present information.

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

Level 3 - Business Management (C12H17)
Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business.

- Grade Level: 10, 11, 12
- Prerequisite: Business Communications
- Credit: 1

Level 4 - Advanced Computer Applications (C12H25)
Capstone course provides students with the necessary skills in project-based problem-solving using current technologies and prepares for industry certification in word processing, spreadsheet, and multimedia application using Microsoft Office.

- Grade Level: 10, 11, 12
- Prerequisite: Business Management
- Credit: 1-2
- EPSO: MOS Industry Certification

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p.34)*

EDUCATION & TRAINING

Programs of Study

- Teaching as a Profession

Teaching as a Profession Courses and Sequencing

Level 1 - Introduction to Teaching as a Profession / Fundamental of Education (C32H00)
The Fundamentals of Education course is designed to assist interested students in learning more about becoming involved in careers relating to the field of education. This course covers the history of education in the United States, careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

- Grade Level: 9, 10
- Credit: 1

Level 2 - Teaching as a Profession I (C32H01)
Teaching as a Profession I is an applied-knowledge course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students in this course will conduct observations of educators at work and create artifacts for a course portfolio.

- Grade Level: 10, 11, 12

- Prerequisite: Fundamentals of Education
- Credit: 1

Level 3 - Teaching as a Profession II (C32H02)
Teaching as a Profession II is an applied knowledge course for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher-order thinking, differentiating instruction, and strategies of effective classroom planning.

- Grade Level: 10, 11, 12
- Prerequisite: Teaching as a Profession I
- Credit: 1

Level 4 - Honors Teaching as a Profession Practicum WBL (C32H03H)
Teaching as a Profession III is a capstone course in the Education and Training Cluster for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education fields. In addition, students will complete an internship and continue to create artifacts for their student portfolios.

- Grade Level: 11, 12
- Prerequisite: Teaching as a Profession II
- Credit: 1

Optional Level 4- C32H28 Statewide Dual Credit Introduction to Education
Statewide Dual Credit Introduction to Education is a course for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher-order thinking, differentiating instruction, and strategies of effective classroom planning. 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.
an internship and continue to create artifacts for their student portfolios.

- Grade Level: 11, 12
- Prerequisite: Teaching as a Profession II
- Credit: 1

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p.34)*

FINANCE

Programs of Study

- Accounting

Accounting Courses and Sequencing

Level 1 - Introduction to Business and Marketing (C12H26)

**Level 1 Course for the following Programs of Study: Business Management, Health Services Administration, Human Resource Management, Accounting, Banking & Finance (p. 49)*

Level 2 - Accounting I (C29H00)

Accounting I 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
- Prerequisite: Introduction to Business & Marketing
- Credit: 1

Level 3 - Accounting II (C29H01)

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

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

Level 4 - Financial Planning (C29H02)

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

This course is a college-level course in which students will learn about sampling methods, representation of data, a measure of center and variation, probability and statistics, distribution, sample sizes, and confidence intervals, and more. See Learning Objectives for further details. At the end of this course, students will take a challenge exam, and if they make a passing score in the challenge exam, students will earn college credit at any of Tennessee's public colleges and universities.

- Grade Level: 11, 12
- Prerequisite: Accounting II
- Credit: 1
- EPSO: Statewide Dual Credit Challenge Exam

Courses for Elective Credit

Personal Finance (C29H11)

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

- Grade Level: 9-12
- Credit: ½

Work-Based Learning: Career Practicum (C25H16)

****Can Replace Any Level 4 CTE Course (p.34)*

HEALTH SCIENCE

Programs of Study

- Diagnostic Services
- Nursing Services
- Therapeutic Services
- Sport & Human Performance

Diagnostic Services

Level 1 - Health Science Education (C14H14)

**Level 1 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services*

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health services administration, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills.

- Grade Level: 9, 10
- Credit: 1

Level 2 / 3 - Diagnostic Medicine (C14H12)

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

- Grade: 9, 10, 11
- Prerequisite: Health Science Education
- Credit: 1
- EPSO: OSHA-10 Industry Certification

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

**Level 2 / 3 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services*

Health Science Education Anatomy and Physiology is a course in which students will examine human anatomy and physical functions. They will analyze the descriptive results of abnormal physiology and evaluate clinical consequences. Workable knowledge of medical terminology will be demonstrated.

- Grade: 10, 11, 12
- Prerequisite: Health Science Education
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies third lab science graduation requirement

Level 4 - Cardiovascular Services (C14H18)

This course 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: 11, 12
- Prerequisite: Anatomy & Physiology / Diagnostic Services
- Credit: 1
- EPSO: Certified EKG Technician (CET) Industry Certification

Level 4 - Clinical Internship WBL (C14H11)

**Level 4 Course for the following Programs of Study: Diagnostic Services, Sport & Human Performance, Therapeutic Services*

Placement in this class is by application only. Drug screenings, immunization, TB skin test, and physicals may be required before you participate in certain rotations. A 90% attendance rate is required in order to receive credit in this class. Students must have completed two health science classes with one of them being from any health science.

The internships are designed to be completed in a hospital, nursing home, rehab center, medical office, dental office, or other health care facility depending on the elective focus the student has selected.

- Grade: 11, 12
- Prerequisite: Anatomy & Physiology / Diagnostic Services
- Credit: 1

Nursing Services

Level 1 - Health Science Education (C14H14)

**Level 1 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 2 / 3 - Medical Therapeutics (C14H15)

**Level 2 / 3 Course for the following Programs of Study: Nursing Services, Emergency Services (p. 58)*

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

- Grade: 9, 10, 11
- Prerequisite: Health Science Education
- Credit: 1
- EPSO: OSHA-10 Industry Certification

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

**Level 2 / 3 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 4 Honors Nursing Education WBL (C14H16H)

**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.*

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.

- Grade: 11, 12
- Prerequisite: Medical Therapeutics / Anatomy & Physiology
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies third lab science graduation requirement
- EPSO: Certified Nursing Assistant (CNA) Industry Certification

Therapeutic Services

Level 1 - Health Science Education (C14H14)

**Level 1 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 2 / 3 - Medical Therapeutics (C14H15)

**Level 2 / 3 Course for the following Programs of Study: Nursing Services, Emergency Services (p. 58)*

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

**Level 2 / 3 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 3 Option 1 - Pharmacological Sciences (C14H20)

This course is designed to provide technical instruction and skill development for the student to become gainfully employed in the pharmacy field. The purpose of the Pharmacy Technician program is to provide learning experiences that enable graduates to obtain 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

Level 4 - Clinical Internship WBL (C14H11)
**Level 4 Course for the following Programs of Study: Diagnostic Services, Sport & Human Performance, Therapeutic Services (p. 59)*

Level 4 Option 2 - 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: 10, 11, 12
- Prerequisite: Health Science Education
- Credit: 1
- EPSO: Clinical Medical Assistant (CCMA)

Sport & Human Performance

Level 1 - Health Science Education (C14H14)
**Level 1 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 2 / 3 - Rehabilitation Careers (C14H08)
This course 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 2 / 3 - Honors Anatomy & Physiology (C14H09H) / Anatomy & Physiology (C14H09)
**Level 2 Course for the following Programs of Study: Diagnostic Services, Nursing Services, Sport & Human Performance, Therapeutic Services (p. 58)*

Level 4 - Exercise Science (C14H22)
Exercise Science 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

Level 4 - Clinical Internship WBL (C14H11)
**Placement in this class is by application only. Drug screenings, immunization, TB skin test, and physicals may be required before you participate in certain rotations. A 90% attendance rate is required in order to receive credit in this class. Students must have completed two health science classes with one of them being from any health science.*
The internships are designed to be completed in a hospital, nursing home, rehab center, medical office, dental office, or other health care facility depending on the elective focus the student has selected.

- Grade: 11, 12
- Prerequisite: Rehabilitation Careers / Anatomy & Physiology
- Credit: 1

INFORMATION TECHNOLOGY

Programs of Study

- Cybersecurity
- Coding
- Web Design

Cybersecurity Courses & Sequencing

Level 1 - Computer Science Foundations (C10H11)
**Level 1 Course for the following Programs of Study: Cybersecurity, Coding, Web Design*
This course 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: 1-2

Level 2 - Cybersecurity I (C10H19)

Cybersecurity I 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: Computer Science Foundations, Algebra I
- Credit: 1
- EPSO: CompTIA Fundamentals Industry Certification

Level 3 - Cybersecurity II (C10H20)

Cybersecurity II 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
- Credit: 1
- EPSO: CompTIA Security+ Industry Certificate

Level 4 - Honors Cybersecurity Practicum WBL (C10H21H)

Cybersecurity Practicum 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: Cybersecurity II
- Credit: 1-2

Level 4 - Work-Based Learning: Career Practicum DELL TECH CREW (C25H16)

**Admission into this class is by application only.*

**Level 4 Course for the following Programs of Study: Cybersecurity, Coding, Web Design*

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: 11, 12
- Prerequisite: Cybersecurity II
- Credit: 1-2
- EPSO: Dell Tech Crew Industry Certification

Coding Courses & Sequencing

Level 1 - Computer Science Foundations (C10H11)
**Level 1 Course for the following Programs of Study: Cybersecurity, Coding, Web Design (p. 68)*

Level 2 - Coding I (C10H14)
Coding I 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: Computer Science Foundations
- Credit: 1

Level 3 - Coding II (C10H15)
Coding II 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
- Credit: 1

Level 4 - Honors Coding Practicum WBL (C10H08H)
Coding Practicum 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: Coding II
- Credit: 1

Level 4 - Work-Based Learning: Career Practicum DELL TECH CREW (C25H16)
**Admission into this class is by application only.*
**Level 4 Course for the following Programs of Study: Cybersecurity, Coding, Web Design (p. 69)*

Web Design Courses & Sequencing

Level 1 - Computer Science Foundations (C10H11)
**Level 1 Course for the following Programs of Study: Cybersecurity, Coding, Web Design (p. 68)*

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
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies Fine Art requirement

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
- Credit: 1

Level 4 - Honors Web Design Practicum WBL (C10H18H)
This course 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 Development

- Credit: 1
- EPSO: CIW Web Design Specialist Industry Certification

Level 4 - Work-Based Learning: Career Practicum DELL TECH CREW (C25H16)
**Admission into this class is by application only.*
**Level 4 Course for the following Programs of Study: Cybersecurity, Coding, Web Design (p. 69)*

Advanced Placement Information Technology Courses

AP Computer Science Principles (G02H44)
**This class can substitute for a math class.*
Computer science embraces problem-solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. As the study of computer science is evolving, the careful design of the AP Computer Science Principles course and exam continues to strive to engage a diverse student population, including female and underrepresented students, with the rigorous and rewarding concepts of computer science. Students who take the AP Computer Science Principles course and exam are well prepared to continue their study of computer science and its integration into a wide array of computing and STEM-related fields.

- Grade: 11, 12
- Prerequisite: Coding II or Computer Science Foundation II
- Credit: 1

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p.34)*

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

Programs of Study

- Criminal Justice & Correction Services

Criminal Justice & Correction Services Courses & Sequencing

Level 1 - Criminal Justice I (C30H00)
Criminal Justice I is the first course in the Criminal Justice and Correction Services program of study. It serves as a comprehensive survey of how law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement.

- Grade: 9, 10
- Credit: 1

Level 2 - Criminal Justice II (C30H01)

Criminal Justice 2 will offer an in-depth study of criminal investigations and will highlight the training and education needed to compete for jobs within these careers. Current and future investigative techniques, as well as crime scene investigation methods, will be presented and students will have opportunities to participate in mock-trials and mock-crime scenes with criminal justice careers emphasis.

- Grade: 9, 10, 11
- Prerequisite: Criminal Justice I
- Credit: 1
- EPSO: Challenge Exam Volunteer State Community College CRMJ 1010

Level 3 - Criminal Justice III: Criminal Investigations (C30H02)

Criminal Justice III: Investigations 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 II
- Credit: 1
- EPSO: Challenge Exam Volunteer State Community College CRMJ 1010

Level 4 Honors Criminal Justice Practicum WBL (C30H03H)

Criminal Justice Practicum is a capstone course in the Law Enforcement and Correction Services program of study that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses in the Law Enforcement and Correction Services program of study. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem-solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training or through work-based learning arrangements such as cooperative education, mentoring, and job shadowing.

- Grade: 11, 12
- Prerequisite: Criminal Justice III
- Credit: 1

Level 4 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.

a. Successful completion of the first three classes (criminal justice I, II, and III) with a B or better.

b. Passing the first two dual credit tests with an 80 or better.

c. Unweighted GPA of at least a 3.0.

d. Recommendations from the criminal justice teacher and a guidance counselor.
e. No disciplinary infractions.

- Grade: 11, 12
- Prerequisite: Criminal Justice III
- Credit: 1

Level 4 Statewide Dual Credit Criminal Justice (C30H11)
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: 11, 12
- Prerequisite: Criminal Justice III
- Credit: 1

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p.34)*

MARKETING, DISTRIBUTION AND LOGISTICS

Programs of Study

- Entrepreneurship
- Marketing Management

Entrepreneurship

Level 1 - Introduction to Entrepreneurship (C31H23)
Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course.

- Grade: 9, 10
- Credit: 1

Level 2 - Marketing and Management I: Principles (C12H29) / Honors Marketing and Management I (C12H29H)
**Level 2 Course for the following Programs of Study: Entrepreneurship, Marketing Management*

Marketing and Management I: Principles focus on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development.

- Grade: 9, 10, 11
- Prerequisite: Introduction to Entrepreneurship
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies the Economics graduation credit

Level 3 - Entrepreneurship (C31H05)

Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course.

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

Level 4 - Business & Entrepreneurship Practicum (C12H35)

Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus or virtual arrangement.

- Grade: 11, 12
- Prerequisite: Entrepreneurship
- Credit: 1

Marketing Management Courses & Sequencing

Level 1 - Introduction to Business and Marketing (C12H26)

**Level 1 Course for the following Programs of Study: Business Management, Health Services Administration, Human Resource Management Accounting, Banking & Finance, Marketing Management, Supply Chain Management (p. 49)*

Level 2 - Marketing and Management I: Principles (C12H29) / Honors Marketing and Management I (C12H29H)

**Level 2 Course for the following Programs of Study: Entrepreneurship, Marketing Management (p. 74)*

Level 3 - Marketing and Management II: Advanced Strategies (C12H30) / H. Marketing and Management (C12H30H)
Marketing & Management II: Advanced Strategies 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 and Management I: Principles
- Credit: 1

Level 4 - Retail Operations (C31H04)
Retail Operations 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 and Management II: Advanced Strategies
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies the Economics graduation credit

STEM / BioSTEM

Programs of Study

- Engineering
- Technology

Engineering Courses & Sequencing

Level 1 - Honors Principles of Engineering & Technology (C21H04H)
Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers the basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.

- Grade: 9, 10

- Credit: 1

Level 2 - Honors Engineering Design I (C21H05H)
Engineering Design I is a fundamental course in the STEM cluster for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Tennessee. They will also be able to identify simple and complex machines; calculate various ratios related to mechanisms; explain fundamental concepts related to energy; understand Ohm's Law; follow the steps in the engineering design process to complete a team project; and effectively communicate design solutions to others.

- Grade: 9, 10, 11
- Prerequisite: Principles of Engineering & Technology
- Credit: 1

Level 3 - Honors Engineering Design II (C21H06H)
Engineering Design II is an applied course in the STEM career cluster for students interested in further developing their skills as future engineers. This course covers the knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, describe differences between laws related to fluid power systems, explain why material and mechanical properties are important to design, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

- Grade: 10, 11, 12
- Prerequisite: Engineering Design I
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies lab science credit for graduation requirement
- EPSO: Solid Works Industry Certification

Level 4 - Honors Engineering Practicum WBL (C21H14H)
Engineering Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Engineering courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by engineers and technologists in the workplace, students learn to refine their skills in problem-solving, research, communication, data analysis, teamwork, and project management. 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, cooperative education, service-learning, mentoring, and job shadowing. Upon completion of the practicum, students will be better prepared for post-secondary study in engineering and technology fields.

- Grade: 11, 12
- Prerequisite: Engineering Design II
- Credit: 1

Technology Courses & Sequencing

Level 1 - Honors Principles of Engineering & Technology (C21H04H)

Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers the basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.

- Grade: 9, 10
- Credit: 1

Level 2 - Honors Digital Electronics (C13H07H) / Digital Electronics (C13H07)

Digital Electronics is intended to provide students with an introduction to the basic components of digital electronic systems and equip them with the ability to use these components to design more complex digital systems. Proficient students will be able to (1) describe basic functions of digital components (including gates, flip flops, counters, and other devices upon which larger systems are designed), (2) use these devices as building blocks to design larger, more complex circuits, (3) implement these circuits using programmable devices, and (4) effectively communicate designs and systems.

- Grade: 9, 10, 11
- Prerequisite: Algebra 1, Principles of Engineering
- Credit: 1

Level 3 - Honors Robotics & Automated Systems (C13H15H)

Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in the industry. Building on the content and critical thinking frameworks of Principles of Engineering and Digital Electronics, this course asks students to follow the engineering design process and apply basic programming skills to complete assignments and projects. Upon completion of this course, proficient students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems.

- Grade: 10, 11, 12
- Prerequisite: Algebra 1, Digital Electronics
- Credit: 1
- EPSO: FANUC Robotics Industry Certification

Level 4 - Honors Engineering Practicum WBL (C21H14H)

Engineering Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Engineering courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by engineers and technologists in the workplace, students learn to refine their skills in problem-solving, research, communication, data analysis, teamwork, and project management. 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, cooperative education, service-learning, mentoring, and job shadowing.

- Grade: 11, 12
- Prerequisite: Engineering Design II
- Credit: 1

Courses for Elective Credit

Work-Based Learning: Career Practicum (C25H16)
****Can Replace Any Level 4 CTE Course (p.34)*

GENERAL EDUCATION COURSES BY SUBJECT

This section of the Program of Studies for 2023-2024 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:

ENGLISH COURSES AND DESCRIPTIONS

English Language Arts Graduation Requirement

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

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

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

English Language Arts Courses and Descriptions

English I (G01H09)

English I 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
- Prerequisite: None
- Credit: 1

Honors English I (G01H09H)

Students in Honors English I 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
- Prerequisite: None
- Credit: 1

English Language Arts Intervention (G01H19)

Students required to take this course may earn an elective credit in this course designed to improve students' decoding, fluency, vocabulary, reading comprehension, and writing skills through individualized learning pathways. Students may qualify for this course based on achievement data, universal screening results, and/or reading fluency or writing test results.

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

English II (G01H10)

English II 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 in English II Honors 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)
English III 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 in English III Honors 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)
AP Language and Composition 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)

English IV 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)

AP English Literature and Composition 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 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.

English Language Development I*(G22H00)

Board-approved materials fee may be requested, but not required. Focuses on the basic skills of English for students at the beginning proficiency level. This course focuses on the basic concepts of reading, writing, listening, and speaking in the English language. Designed for those students for whom English is not the primary language.

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

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

English Language Development II* (G22H01)

Board-approved materials fee may be requested, but not required. Builds upon the basics and

expands comprehension with the introduction of academic vocabulary. The curriculum focuses on advancing literary skills for the development of new knowledge/skills. Designed for those students for whom English is not the primary language.
*NOTE: Two (2) credits in E.S.L. may substitute for two (2) of the four (4) credits in English which are required for graduation.

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

English Language Development III *(G22H02)
Board-approved materials fee may be requested, but not required.
Builds on the skills earned in E.S.L. 2 and adds additional academic language needs. The emphasis is more on academic processes and content knowledge, rather than basics. Designed for those students for whom English is not the primary language.
*NOTE: Two (2) credits in E.S.L. may substitute for two (2) of the four (4) credits in English which are required for graduation.

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

English Language Development IV*(G22H03)
Board-approved materials fee may be requested, but not required. Focuses on academic content appropriate for grade level of students. More reading and writing content is used. Grammar structure is emphasized. Designed for those students for whom English is not the primary language.
*NOTE: Two (2) credits in E.S.L. may substitute for two (2) of the four (4) credits in English which are required for graduation.

- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- 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.

English Language Arts Electives

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

AP Seminar (G01H22)
Seminar 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: 10, 11, 12
- Prerequisite: English I
- Credit: 2

*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 IV as a graduation requirement.

AP Research (G01H23)
AP Research 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: 11, 12
- Prerequisite: English I, English II, and AP Seminar.
- Credit: 2

*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 IV as a graduation requirement.

Creative Writing (G01H16)
Creative Writing 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)
The student will be given the opportunity to develop 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 process writing; and use available technology in the creative process.

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

- Maximum Credit: 1

Preparing for ACT, Postsecondary, & Career (G25H00)
Students review 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
- Prerequisite: None
- Minimum Credit: .5
- Maximum Credit: 1

Journalism I (G01H15)
Students in Journalism I support 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 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

Journalism II Y/N (G01H02)
Students in Journalism II support 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

Journalism III Y/N (G01H03)
Students in Journalism III support 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

Mythology (G01H74Q)
Students will explore literature that focuses on the myths of gods and heroes of various cultures and literature used to explain natural phenomena. Students will examine how mythical allusions, archetypes, and themes have enriched cultures over time.

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

Speech and Communications (G01H06Q)
Speech 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: 1

Statewide Dual Credit Speech and Communication (G01H71)
In SDC Speech and Communication students will develop 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. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students 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.

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

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

Film as Literature (Visual Literacy) (G01H05Q)
This course 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 sued 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit:1

FINE ARTS COURSES AND DESCRIPTIONS

Fine Arts Graduation Requirement

In order to meet graduation requirements, a student must earn 1.0 credit in a fine arts class.
*Approved dual enrollment Fine Arts courses may meet this requirement.
*Students may seek approval to waive the fine art requirement to take an additional course in their elective focus area.
*Many colleges and universities include a fine arts credit in their admissions requirements. Please research the admissions requirements for colleges of interest prior to seeking an approval for a fine art waiver request.

*CTE Course Substitutions for a Fine Arts Credit

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

Fine Arts Courses and Descriptions

Dance I (G05H20)

This course is an initial exploration of techniques and theoretical concepts used in various dance styles. It includes developing and/or increasing awareness of proper body alignment, balance and coordination within the context of various musical meters. Basic positions and fundamental barre exercises are emphasized. The dance vocabulary is used for a thorough understanding of all terms and positions of the body. Basic step combinations in the center of the floor are introduced. After-school and/or evening rehearsals and performances may be required.

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

Dance II (G05H21)

This class is a continuing exploration of techniques and theoretical concepts of various dance styles, with emphasis on precision of line and exactness of movement. Introduction of pointe work is introduced, if appropriate. After school and/or evening rehearsals and performances may be required.

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

Dance III (G05H22)

The emphasis in this course is on the development of strength and form for quickness of body and mind coordination. The application of phrasing and the quality of movement is stressed. Center practice will include balance, jumps, leaps, extensions and turns, with the emphasis on exactness and precision of line. After-school and/or evening rehearsals and performances may be required.

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

Dance IV (G05H23)
Dance IV requires further development of strength and form, with emphasis placed on perfecting the execution of the classical ballet, modern and/or jazz techniques. Advanced pointe work (where appropriate) and technique will be covered with a concentration in longer adagio and allegro combinations. After-school and/or evening rehearsals and performances may be required.

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

Visual Arts: Comprehensive I (G05H08)
This course offers students studio experiences in drawing, painting, and two-and three dimensional design with an emphasis on art elements. It is based on the National Standards for Art Education: understanding and applying media, techniques and processes; using knowledge of structures and functions; choosing and evaluating a range of subject matter, symbols and ideas; understanding the visual arts in relation to history and cultures; reflecting upon and assessing the characteristics and merits of their work and the work of others; and making connections between visual arts and other disciplines. In addition, students will learn the basics of art history and read and write art critiques.

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

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)
The AP Studio Art program 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.

AP Studio Art: 2D Design (G05H30)

The AP Studio Art program 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: 3D Design (G05H29)

The AP Studio Art program 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)

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

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

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

General Music (G05H11)

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

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

Instrumental Music Beginners (G05H81)

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

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

Band/ Instrument Music Courses

- **Fall Semester (Choose 1)**
  - Band/ Brass and Woodwinds(Fall) (G05H82BW)
  - Band/ Percussion and Color Guard (Fall) (G05H82P)
- **Spring Semester**
  - Band/ Brass and Woodwinds (Spring) (G05H82BWS)
  - Band/ Percussion and Color Guard (Spring) (G05H82PS)

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

Beginning Orchestra (G05H83) and Chamber Orchestra (G05H83C)

This is an organized class that provides musical performance and study for students with no or limited string experience. The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation. Specific courses vary from school to school based on student enrollment. Examples include, but are not limited to:Beginning Orchestra, Chamber Orchestra, etc.

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

- Credit: 1

Music Theory (G05H44)
This course is for students with a particular interest and aptitude in music. Emphasis is on an in-depth study of music fundamentals through ear training and reading and writing music. Musical analysis as well as simple rhythmic, melodic, and harmonic dictation will be explored.
- Grade Level: 9, 10, 11, 12
- Prerequisite: None
- Credit: 1

AP Music Theory (G05H26)
This course 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: 2+ years of instrumental or vocal music courses
- 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)
This course 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
- Prerequisite: None
- Credit: 1

Class Piano II (G05HA6)
This course 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: 10, 11, 12
- Prerequisite: Class Piano I
- Credit: 1

Class Piano III (G05HA7)
This course is a continuation of Piano II. Repertory and technical studies will be adapted to the capabilities of the student. There will be a continued use of the electronic piano lab. Students should have a piano available after school for practice. Elements of music theory and music history are part of this course. Afterschool and/or evening performances may be required for this course.

- Grade Level: 11, 12
- Prerequisite: Class Piano II
- Credit: 1

Class Piano IV (G05HA8)
This course is a continuation of Piano III. Repertory and technical studies will be adapted to the capabilities of the student. There will be a continued use of the electronic piano lab. Students should have a piano available after school for practice. Elements of music theory and music history are part of this course. Afterschool and/or evening performances may be required for this course.

- Grade Level: 12
- Prerequisite: Class Piano III
- Credit: 1

Vocal Music (Chorus/Choir)

- Beginning Choir (Fall) G05X12BC
- SOUL (Spring) G05X12SC
- Vocal Ensemble (All Year) G05X12VE & G05X12VB

Multi-age vocal music classes are traditional choral ensembles offered in 9^{th}-12^{th} 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
- Credit: 1

Theater Arts I (G05H16)
This course 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, fundamentals of acting, and acting styles. Students will gain experience in speaking and acting. Time outside of class is required to fulfill the obligations of this course.

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

Theater Arts II (G05H17)
In this course, students will focus on the history of 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
- Credit: 1

Theater Arts III (G05H18)
In this course, students will study more in depth the various acting techniques and exercises available to professional actors. Students will take a more involved role in production with attention to directing, 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

Theater IV (G05H19)
Theater IV 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

CTE Courses for Fine Arts Credit

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

- Grade Level: 12
- Prerequisite: Greenhouse Management or Statewide Dual Credit Plant Science
- Credit: 1

*This course qualifies for an EPSO if students take and pass the aligned industry certification exam or attempt the Local Dual Credit exam.

Digital Arts I (C11H04)
This course is an introduction to elements of design, spatial relationships, typography, and imagery as they apply to practical visual solutions for self-promotion, resumes, logo design, Web design, and sequential systems. This course instructs the student in graphic design skills employing traditional and digital tools, materials, and procedures employed in the communication arts industry. The focus will be on finding creative visual solutions to communication problems using technical skills.

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

Web Design Foundations (C10H16)

This course 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 Level: 10, 11, 12
- Prerequisite: Computer Science Foundations
- Credit: 1

JROTC

JROTC Programs of Study

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

JROTC Courses & Sequencing

Level 1 - JROTC I (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
- Credit: 1

Level 2 - JROTC II (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
- Prerequisite: JROTC I
- Credit: 1
- Completion of 2 years of JROTC (JROTC I & II) satisfies 1 credit of Lifetime Wellness and 1/2 credit of Physical Education needed for graduation requirement

Level 3 - JROTC III (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: 10, 11, 12
- Prerequisite: JROTC II
- Credit: 1
- Completion of 3 years of JROTC (JROTC I, II, & III) satisfies 1/2 credit of Personal Finance and 1/2 credit of U.S. Government needed for graduation requirement

Level 4 - JROTC IV (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: 11, 12
- Prerequisite: JROTC III
- Credit: 1

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

MATHEMATICS COURSES AND DESCRIPTIONS

Mathematics Graduation Requirement

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

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

- Honors Physics I may count as the fourth math credit as long as the student has earned Algebra I, Geometry, and Algebra II credits.
- Advanced Placement Calculus, Advanced Placement Statistics, Advanced Placement Computer Science, and Advanced Placement Physics may count as the fourth math credit.
- Statewide Dual Credit Pre-Calculus or Statewide Dual Credit Statistics may count as the fourth math credit.
- Dual Enrollment Math courses may count for the fourth math course.
- *CTE Course Substitutions for a fourth level math course

    - Principles of Agribusiness
    - Agriculture & Biosystems Engineering

*Students with qualifying disabilities as documented in the IEP are required to complete Algebra I and Geometry to earn a regular high school diploma. Students must be enrolled in a math class for each year of high school for four consecutive years.

*Many postsecondary institutions require the completion of Algebra II for admissions. Please check with

the postsecondary institutions in which you would like to enroll to ensure you meet all necessary math requirements for admission.

Recommended Mathematics Sequencing

7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th grade
7th Grade Math	8th Grade Math	Algebra I Algebra I Honors	Geometry Geometry Honors *Students may concurrently take Algebra II or Algebra II Honors with Geometry Honors	Algebra II Algebra II Honors	Honors Pre-Calculus Statistics or SDC Statistics Mathematical Reasoning for Decision Making 4th Math Substitution
7th Grade Math	Algebra I	Geometry Geometry Honors *Students may concurrently take Algebra II or Algebra II Honors with Geometry Honors	Algebra II Algebra II Honors	Honors Pre-Calculus Honors Calculus AP Statistics* AP Pre-Calculus (*Concurrent with Honors Calculus or Honors Pre-Calculus with principal approval)	AP Calculus AB AP Calculus BC AP Statistics AP Pre-Calculus SDC Statistics Mathematical Reasoning for Decision Making 4th Math Substitution
Algebra I	Geometry	Algebra II Algebra II Honors	Honors Pre-Calculus Honors Calculus AP Pre-Calculus AP Statistics* (*Concurrent with Honors Calculus or Honors Pre-Calculus with principal approval)	Honors Calculus AP Pre-Calculus AP Calculus AB AP Calculus BC AP Statistics SDC Statistics	AP Pre-Calculus AP Calculus AB AP Calculus BC AP Statistics 4th Math Substitution

Mathematics Courses and Descriptions

Algebra 1 Extended Part 1 and Part 2 (G02H01/G02H02)
This two-course sequence is 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
- Prerequisite: None
- Credit: 1 credit for each course

Algebra I (G02H00)
This course includes properties of the real number system, linear and quadratic systems, inequalities, operations on real numbers and polynomials, exponents and radicals. Students learn the language of algebra and practice the application of algebraic concepts to real world problems. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

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

Honors Algebra I (G02H00H)
This course 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
- Prerequisite: None
- Credit: 1

Geometry (G02H11)
This course is a survey of the fundamental and advanced concepts of plane geometry and the related topics in three-dimensional, coordinate and transformational geometry. The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Mathematical Practice Standards apply throughout this course and, together with the content standards, allow students to experience mathematics as a coherent, useful, and logical subject that capitalizes on their ability to make sense of problem situations.

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

Honors Geometry (G02H11H)
This course 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) - This two-term sequence is 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
- Credit: 1 credit for each course

Algebra II (G02H05)

This course builds on the previous work with linear, quadratic, and exponential functions. Students extend their repertoire of functions to include polynomial, rational, and radical functions. In this course rational functions are limited to those whose numerators are of degree at most one and denominators of degree at most two; radical functions are limited to square roots or cube roots of at most quadratic polynomials. Students work closely with the expressions that define the functions, and continue to expand their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

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

Honors Algebra II (G02H05H)

This course 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

Mathematics Intervention (G02H22)
This course is designed to support students' learning of the mathematical skills necessary to be successful in high school mathematics courses. Students may be required to participate in this course based on student mathematics data.

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

Mathematical Reasoning for Decision Making (NA)
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: 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

Statewide Dual Credit Pre-Calculus (G02H74)
This course is a college-level course in which students will apply critical thinking and problem solving skills in the study of Equations, Inequalities, Properties of Functions, Models, Functions, Trigonometric Functions, Triangles, and Circles. See Learning Objectives for further details. At the end of this course, students will take a challenge exam, and if they make a passing score in the challenge exam, students will earn college credit at any of Tennessee's public colleges and universities.

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

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

AP Pre-Calculus (NA)
In AP Precalculus, students explore 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 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

Honors Calculus (G02H18H)
This course 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.
In addition, this course is designed to bridge students' understanding of pre-calculus concepts to the study of differential and integral calculus in Calculus AB AP.

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

AP Calculus AB (G02H24)
This course 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)
This course 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)
This course 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

Statewide Dual Credit Introduction to Probability and Statistics (G02H75)
This course is a college-level course in which students will learn about sampling methods, representation of data, measure of center and variation, probability and statistics, distribution, sample sizes and confidence intervals, and more. See Learning Objectives for further details. At the end of this course, students will take a challenge exam, and if they make a passing score in the challenge exam, students will earn college credit at any of Tennessee's public colleges and universities.

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

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

AP Statistics (G02H26)
This course 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: 11, 12
- Prerequisite: Algebra I, Geometry, Algebra II
- Credit: 1

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

Preparing for ACT, Postsecondary, & Career (G25H00)
This course provides students with skills and competencies needed to be successful on the ACT. Students will become familiar with the format and the scoring of the ACT, learn test taking skills, and receive individualized instruction to improve scores.

- Grade Level: 11, 12
- Prerequisite: None
- Minimum Credit: .5
- Maximum Credit:1

Other Courses for 4th Math Credit

Honors Physics I (G03H20H)
Physics Honors is a course that studies the interaction between matter and energy. Topics include mechanics, thermodynamics, waves and sound, light and optics, electricity and magnetism, and atomic and nuclear physics. Physics is a math-based course that involves the application of mathematical principles and problem solving, graph interpretation, laboratories, and lab reporting. Strong math and analytical thinking skills are important. There is much more emphasis on mathematics than standard physics. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter. This course may count as a 4th math credit.

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

AP Physics 1 (G03H27)
Physics 1 AP 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. This course may count as a 4th math credit.

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

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

AP Physics 2 (G03H28)
Physics 2 AP 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 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. This course may count as a 4th math credit.

- Grade Level: 10, 11, 12
- Prerequisite: Biology, Algebra I, Geometry, Algebra II, Pre-Calculus (concurrent), AP Physics 1
- Credit: 1

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

AP Physics C: Mechanics (G03H29) and Electricity and Magnetism (G03H24)
The Physics AP Course 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.This course may count as a 4th math credit.

- Grade Level: 10, 11, 12
- Prerequisite: AP Physics 1
- Credit: 1 for each course

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

AP Computer Science Principles (G02H44)
Computer science embraces problem solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. As the study of computer science is evolving, the careful design of the AP Computer Science Principles course and exam continues to strive to engage a diverse student population, including female and underrepresented students, with the rigorous and rewarding concepts of computer science. Students who take the AP Computer Science Principles course and exam are well prepared to continue their study of computer science and its integration into a wide array of computing and STEM-related fields. This course may count as a 4th math credit.

- Grade Level: 11, 12
- Prerequisite: NA
- Credit: 1 for each course

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

Principles of Farm and Agribusiness Management(C18H41)
This CTE course in Agriculture Pathway teaches students to apply the economic and business principles involved in the sale and supply of agricultural products to a wide range of careers

across the industry and builds foundational knowledge of finance and marketing principles. This course may count as a 4th math credit.

- Grade Level: 10, 11, 12
- Prerequisite: NA
- Credit: 1 for each course

Agricultural Fabrication and Biosystems Engineering (C18H22)
This CTE course includes basic technologies of metal fabrication and agricultural structures. Also includes hot/cold metal work, and material computation, electric wiring and codes, blueprint reading and drawing and selection of appropriate materials for projects. This course may count as a 4th math credit.

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

OTHER APPROVED COURSES AND DESCRIPTIONS

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

Focus Period (G25H10)
This course 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
- Prerequisite: NA
- Credit: 0

Success Skills Through Service Learning (a.k.a. Nature and Needs) (C15H13N)
This course 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
- Prerequisite: NA
- Credit: 1
- Maximum Credits Allowed: 2

Freshman Seminar (G25H00F)
This course 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
- Prerequisite: NA
- Credit: 0

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

- Grade Level: 12
- Prerequisite: NA
- Credit: 0

Graduate On Time (G25H10)
Credit recovery is a course-specific, standards based extended learning opportunity for students who have previously been unsuccessful in mastering the standards required to receive course credit. Credit recovery programs, in general, have a primary focus of helping students stay in school and graduate on time. Students must have parents complete and sign the Credit Recovery Application before participating in credit recovery.

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

PHYSICAL EDUCATION COURSES AND DESCRIPTION

Physical Education Graduation Requirement

To meet the requirements for graduation, a student must complete 1.0 credit in Lifetime Wellness and .5 credit in an elective physical education course. A student may earn no more than a total of 8 P.E./Wellness credits.
The .5 Physical Education requirement may be met by substituting a documented and equivalent time of physical activity in marching band, JROTC, cheerleading, dance team, or TSSAA interscholastic athletics; however a .5 Physical Education credit is not awarded for participating in one of these activities.

Physical Education Courses and Descriptions

Lifetime Wellness (G08H02)
This course is required for graduation and recommended for grade 9. Lifetime Wellness is a course that develops positive concepts toward an active, healthy lifestyle. Physical fitness activities such as aerobics, line-dancing, volleyball, badminton, table tennis, basketball, indoor/outdoor fitness games, etc. comprise units in the class structure that require students to dress appropriately in order to perform the activities. Classroom units covering disease prevention, mental health, stress management, nutrition, drug/alcohol/ tobacco prevention, first aid/CPR, and human sexuality are included in this course. 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
- Prerequisite: NA
- 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)
This course is designed to introduce the students to the fundamentals of specific individual and team sports which include skills, rules, and game strategy. There will also be non-competitive educational gymnastics, dance, weightlifting, aerobic, and anaerobic training.

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

Physical Education II (G08H01)
In this course students are expected to attain a proficient level in specific individual and team sports which will include skills, rules, and game strategy. There will also be non-competitive educational dance, weightlifting, aerobic, and anaerobic training.

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

Physical Education II WI (G08H01W1)
The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometric skills. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

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

Physical Education II WII (G08H01W2)
The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometrics. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

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

Physical Education II WIII (G08H01W3)
The course includes intense weight training at a high tempo that will progressively increase in difficulty. Included in this class will be power training exercises, stretching, calisthenics, running for speed development, stations to develop quickness, and plyometrics. Proper techniques and safety will be emphasized to prevent injuries. The course will also teach the location and movement provided by the major muscle groups.

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

SCIENCE COURSES AND DESCRIPTIONS

Science Graduation Requirement

To satisfy graduation requirements, 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.
We strongly encourage students to take a science course each year.

Recommended Science Pathway
9th Grade- Biology 1 or Agriscience
10th Grade- Biology, Physical Science, or Chemistry or Physics
11th Grade- Chemistry or Physics or 3rd Lab Science
12th Grade- 4th Lab Science (recommended but not required)
*Some CTE classes can also count as a lab science:

- SDC: Introduction to Plant Science
- Agriscience
- Engineering Design 1
- Engineering Design 2
- Nutrition Science & Diet Therapy
- Human Anatomy & Physiology
- Veterinary Science
- Food Science & Safety
- BIOSTEM I-IV
- Advanced Food Science
- Plant & Soil Science

***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.*

Science Courses and Descriptions

Biology I (G03H03)
Biology 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
- Prerequisite: NA
- Credit: 1

Honors Biology I (G03H03H)
This is a more in-depth study of topics presented in biology. Students will be asked to integrate scientific facts into abstract processes. 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 25% of the student's semester grade.

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

Honors Biology II (G03H09)

The academic standards for high school Biology II are built on the foundation provided by Biology I (a prerequisite course) and are 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)

AP Biology 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.

Chemistry I (G03H12)

Chemistry I 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)
Chemistry I Honors is a more in depth, faster paced course that explores the properties of substances and the changes that substances undergo. Topics concentrate on 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)
The Chemistry II standards build 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: Algebra I
- Credit: 1

AP Chemistry (G03H16)
AP Chemistry 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, Biology, and Chemistry (or staff approval)
- Credit: 1

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

Earth and Space Science (G03H02)
The Earth and Space Science course examines the role of Earth's place in the universe, the interplay of Earth's systems, and the interrelationships between Earth's systems and human activity. Inherent in this course is a look at how Earth has changed over time and the dynamics that continue to affect it. As events have impacts on the hydrosphere, biosphere, atmosphere, and geosphere, there are also sphere-to-sphere dynamics taking place in the short, medium, and long-term. This is a lab course, with an emphasis on important 21st century critical thinking skills.

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

Ecology (G03H32)
Ecology 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. This course can count as a 3rd lab science.

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

AP Environmental Science (G03H25)
The goal of the AP Environmental Science lab course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving 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.

Geology (G03H01)
Geology is a laboratory science course that explores the origins and the connections between the physical, chemical, and biological processes that govern the earth system. Students explore the physical aspects of earth processes and cycles through open-ended field and laboratory investigations. Understanding the importance of these processes and how they influence humankind enables students to make sound decisions about both their community and the earth's global environment. Embedded standards for inquiry and technology and engineering are taught in the context of the content standards for maps, matter and minerals, rocks and the rock cycle, geologic history, plate tectonics, and landforms. This class can count as a third lab science.

- Grade Level: 11, 12

- Prerequisite: Biology and Chemistry
- Credit: 1

Honors Human Anatomy and Physiology (G03H31H)
This is an advanced study of human anatomy and physiology including numerous lab dissections, microscopic techniques and exercises using various types of lab equipment. Students will investigate anatomical orientation, and systems related to the following themes: protection, support and movement, integration and regulation, transportation, absorption and excretion, and reproduction, growth and development. This course is designed for students interested in health and medical careers. Dissection is required. This course covers the elements of Anatomy and Physiology with additional open-ended investigations, outside reading, and opportunities for critical analysis and application. This course can count as a 3rd lab science. At the end of this course students may elect to take a challenge exam with MTSU to earn college credit upon enrollment at MTSU.

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

Physical Science (GO3H00)
In this lab science, students learn the core ideas of matter and its interactions, motion and stability, energy, and waves and their applications in technologies for information transfer. An emphasis will be placed on science and engineering practices and on critical thinking and problem solving, application and communication, and hands on learning.

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

Honors Physics I (G3H20H)
Physics Honors is a course that studies the interaction between matter and energy. Topics include mechanics, thermodynamics, waves and sound, light and optics, electricity and magnetism, and atomic and nuclear physics. Physics is a math-based course that involves the application of mathematical principles and problem solving, graph interpretation, laboratories, and lab reporting. Strong math and analytical thinking skills are important. There is much more emphasis on mathematics than standard physics. Students must successfully meet district and teacher expectations in the completion of honors criteria each quarter.

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

AP Physics 1 (G03H27)
Physics 1 AP 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 course counts as an EPSO if students successfully complete the course and attempt the exam.

AP Physics 2 (G03H28)

Physics 2 AP 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 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 II, Pre-Calculus (concurrent), AP Physics 1
- Credit: 1

*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)

The Physics AP Course 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: AP Physics 1
- Credit: 1 for each course

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

Science Elective Courses

Preparing for ACT, Postsecondary, & Career (G25H00)

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

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

CTE Courses for Science Credit

Agriculture and Natural Resources

Agriscience (C18H19)
This is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. It serves as the first course for all programs of study in the Agriculture, Food, and Natural Resources Cluster. The content area covers ecology, biological processes, sexual and asexual reproduction, and the study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century.

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

Veterinary Science (C18H21)
Veterinary Science is an advanced, fourth-level lab science course in animal science and animal care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills.This is a capstone course and all prerequisites must be met in order for students to qualify from the Tennessee Specific Industry Certification-Animal Science certification test. This test if successfully passed will earn both an Industry Certification and Dual Credit in the Introduction Animal Science course.

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

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

Statewide Dual Credit Introduction to Plant Science (C18H09)
This lab science course provides an in-depth study of topics to prepare students to be successful in all plant science-based careers. Topics covered include plant anatomy, reproduction, classifications, nutrition, and pest management. Greenhouse structures and production techniques are also covered. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students 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.

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

STEM
Level 2 - Honors Engineering Design I (C21H05H)
Engineering Design I is a fundamental course in the STEM cluster for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to

describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Tennessee. They will also be able to identify simple and complex machines; calculate various ratios related to mechanisms; explain fundamental concepts related to energy; understand Ohm's Law; follow the steps in the engineering design process to complete a team project; and effectively communicate design solutions to others.

- Grade: 9, 10, 11
- Prerequisite: Principles of Engineering & Technology
- Credit: 1

Level 3 - Honors Engineering Design II (C21H06H)
Engineering Design II is an applied course in the STEM career cluster for students interested in further developing their skills as future engineers. This course covers the knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, describe differences between laws related to fluid power systems, explain why material and mechanical properties are important to design, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

- Grade: 10, 11, 12
- Prerequisite: Engineering Design I
- Credit: 1
- Elective Focus / Graduation Requirements: Satisfies lab science credit for graduation requirement
- EPSO: Solid Works Industry Certification

SOCIAL STUDIES COURSES AND DESCRIPTIONS

Social Studies Graduation Requirements

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

- 1 credit-World History and Geography.

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

- 1 credit-American History

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

- .5 credit- U.S. Government.

*This requirement may be satisfied by AP Comparative Government, AP U.S. Government and Politics, American Business Legal Systems, 3 credits in JROTC, or a related Dual Enrollment course.

- .5 credit- Economics. This requirement may be satisfied by AP Microeconomics, AP Macroeconomics, Agricultural Business & Finance, Business Economics, Entrepreneurship, Marketing & Management I, Retail Operations, or a related Dual Enrollment course

- .5 Personal Finance. This requirement may be satisfied by Agriculture Business and Finance if the teacher holds a Personal Finance certification or by 3 credits in JROTC.

Social Studies Courses and Descriptions

World History and Geography (G04H10)-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
- Prerequisite: NA
- Credit: 1

Honors World History and Geography (G04H10H)- This course 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
- Prerequisite: NA
- Credit: 1

AP Human Geography (G04H30)

This course 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 The 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. 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.

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

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

AP World History (G04H29)

In AP World History: Modern, 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
- Prerequisite: World History or AP Human Geography
- Credit: 1

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

AP European History (G04H22)

In AP European History, 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. Prerequisites There are no prerequisites for AP European History. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

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

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

Statewide Dual Credit American History (G04HB3)

Students will examine the 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 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.

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

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

AP U.S. History (G04H21)

In AP U.S. History, 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. Prerequisites There are no prerequisites for AP U.S. History. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

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

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

United States Government and Civics (G04H12)

Students will study the purposes, principles, and practices of American government as established by the United States Constitution. Students will learn 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: .5

AP United States Government and Politics (G04H26)

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study 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. Prerequisites There are no prerequisite courses for AP U.S. Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

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

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

AP Comparative Government and Politics (G04H27)

AP Comparative Government and Politics 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. Prerequisites There are no prerequisites for AP Comparative Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

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

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

Economics (GO4H13)

Students will examine the allocation of scarce resources and consider 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: .5

AP Microeconomics (G04H24)

AP Microeconomics 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. Prerequisites There are no prerequisites for AP Microeconomics. Students should be able to read a college-level textbook and possess basic mathematics and graphing skills

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

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

AP Macroeconomics (G04H25)

AP Macroeconomics 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. Prerequisites There are no prerequisites for AP Macroeconomics. Students should be able to read a college-level textbook and possess basic mathematics and graphing skills

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

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

Personal Finance (G04H36)- Local Dual Credit

Personal Finance is a foundational course designed to inform students how individual choices directly influence occupational goals,future earning potential, and long term financial well-being. The standards in this course 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
- Prerequisite: NA
- Credit: .5

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

Social Studies Electives

African American History (G04H23Q)

In this elective course students will examine the life and contributions of African Americans from the early 1600s through the contemporary United States. Students will explore the influence of geography on slavery and the growth of slavery in the U.S. Students will consider urban and rural African American communities and institutions in the North and South leading up to and during the Civil War. Students will investigate the rise of Jim Crow and the subsequent effects of the laws and trace the impact of African American migration through the early 20th century. Students will explore the impact of the Harlem Renaissance as well as the contributions of African

Americans during the Great Depression and World War II. Students will examine the successes and failures of the Civil Rights Movement and consider the contemporary issues confronting African Americans.

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

AP Psychology (G04H28)

The AP Psychology course 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
- Prerequisite: N/A
- Credit: 1

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

Bible (G01H25)

In this elective course students will 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
- Prerequisite: U.S. History
- Minimum Credit: .5
- Maximum Credit: 1

Contemporary Issues (G04H17Q)

In this elective course 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: 1

Psychology (G04H15Q)

In this elective course 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: 1

Statewide Dual Credit Psychology (G04HB5)

In this college-level elective course, students will learn how psychology is different than other scientific disciplines by studying the crucial historical figures and their contributions to the field of psychology. In addition, students will learn how to conduct research in the field of psychology and learn about human growth and development, the physiology and functions of the brain, psychological disorders, treatments, and much more. 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.

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

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

Sociology (G04H14)

In this elective course 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: 1

Tennessee History (G04H01Q)

In this elective course 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
- Prerequisite: NA
- Minimum Credit: .5
- Maximum Credit: 1

WORLD LANGUAGE COURSES AND DESCRIPTIONS

World Language Graduation Requirement

To satisfy graduation requirements, a student must complete two years of the same world language. In certain *extraordinary* circumstances the student may seek approval to have his/her world language requirement waived in order for him/her to *expand and enhance* his/her chosen elective focus. Here is the World Language Waiver to seek this approval: World Language Waiver
*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 and Descriptions

American Sign Language I (G24H00)
In this course, students are introduced to American sign language (ASL) vocabulary and grammatical structures. Students will also learn the ASL fingerspelling system, the use of gestural devices and how to appropriately use the signing space in ASL. Further, students will learn about deaf culture in the United States.

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

*Some colleges and universities do not yet recognize American Sign Language as a world language. Please research colleges' admissions requirements and approved world languages before requesting this course to meet high school graduation requirements.

American Sign Language II (G24H01)
This course continues the teaching of ASL, moving from signing concrete concepts to abstract concepts. Additional vocabulary, grammar and culture is covered to build on the core knowledge of the language. Both expressive and receptive skills of students will be the focus of the course. Students will participate extensively in interactive classroom activities to ensure ASL immersion.

- Grade Level: 9, 10, 11, 12
- Prerequisite:American Sign Language I
- Credit: 1

*Some colleges and universities do not yet recognize American Sign Language as a world language. Please research colleges' admissions requirements and approved world languages before requesting this course to meet high school graduation requirements.

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
- Prerequisite: NA
- 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)
French Language and Culture AP 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: French I & II & III (or staff approval)
- Minimum Credit: 1
- Maximum Credit: 1

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

Honors Latin I (G24H13H)
Latin I 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
- Prerequisite: NA
- Credit: 1

Honors Latin II (G24H14H)
Latin II 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

Honors Latin III (G24H15H)
In Latin III, students apply the grammar and syntax they have learned in previous levels to the translation of ancient Roman writers, including Caesar, Cicero, and Ovid. Students will also learn more complex grammatical structures and literary devices to increase proficiency while reading advanced-level texts. 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: Latin I & Latin II
- Credit: 1

Honors Latin IV (G24H16H)
Students deepen their understanding of grammar and syntax previous and apply their knowledge to the translation of ancient Roman writers, including Caesar, Cicero, and Ovid. Students will

also learn more complex grammatical structures and literary devices to increase proficiency while reading advanced-level texts. Daily participation and study are required. Students enrolled in Honors level courses are required to complete district and/or honors criteria.

- Grade Level: 11, 12
- Prerequisite: Latin I, Latin II, Latin III
- Credit: 1

AP Latin (G24H17)

Latin AP is a year-long college level course designed for students who have demonstrated a mastery of advanced language concepts. Students encounter a variety of authentic text sources based on the themes dictated by the College Board. All students are expected to take the AP Exam.

- Grade Level: 11, 12
- Prerequisite: Latin 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.

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
- Prerequisite: NA
- 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
- Prerequisite: NA
- Credit: 1

Spanish II (G24H05)

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

AP Spanish Language and Culture (G24H08)

Spanish Language and Culture AP 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.

AAD AND OTHER EXCEPTIONAL EDUCATION COURSES AND DESCRIPTIONS

Alternate Academic Diploma Courses and 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)

Alternate Academic Diploma - English I (S01H00) - This course 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 — Minimum Credit: .5

Prerequisite: NA — Maximum Credit: 1

Alternate Academic Diploma- English II (S01H01)- This course is 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 — Minimum Credit: .5

Prerequisite: AAD English I — Maximum Credit: 1

Alternate Academic Diploma - English III (S01H02) –

This course 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 — Minimum Credit: .5

Prerequisite: AAD English I and AAD English II — Maximum Credit: 1

Alternate Academic Diploma - English IV (S01H03) –

This course 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 — Minimum Credit: .5

Prerequisite: AAD English I, AAD English II, AAD English III

Maximum Credit: 1

Mathematics (AAD)

Alternate Academic Diploma- Algebra I (S02H00) - This course 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

Minimum Credit: .5

Prerequisite: NA

Maximum Credit: 1

Alternate Academic Diploma - Geometry I (S02H02)- This course 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

Minimum Credit: .5

Prerequisite: AAD Algebra I

Maximum Credit: 1

Alternate Academic Diploma - Algebra II (S02H01) - This course 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

Minimum Credit: .5

Prerequisite: AAD Geometry

Maximum Credit: 1

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

Grade Level: 12

Minimum Credit: .5

Prerequisite: AAD Algebra II

Maximum Credit: 1

Science (AAD)

Alternate Academic Diploma - Earth & Space Science (S03H01) - This course is designed to replace or correspond with Earth cand 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma- Biology I (S03H02) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma - Physical Science (S03H00) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Social Studies (AAD)

Alternate Academic Diploma - World History & Geography (S04H00) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma - U.S. History & Geography (S04H01) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma - Personal Finance (S25H02) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma – Economics (S04H03) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Alternate Academic Diploma - U.S Government & Civics (S25H00) - This course 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 Minimum Credit: .5

Prerequisite: NA Maximum Credit: 1

Other Exceptional 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)
S25H05 AAD Work-Based Learning
Special Education Intervention (S25X27)
S02H04 Comprehensive Program Grade 9-12 (Math)
S03H03 Comprehensive Program Grade 9-12 (Science)
S04H04 Comprehensive Program Grade 9-12 (Social Studies)
S01H04 Comprehensive Program Grade 9-12 (English Language Arts)
S25X08 Speech Program Grades 7-12
S25X16 Language Program Grades 7-12
S25X02 Vision Programs Grades 7-12

S25X20 Hearing/Deaf Ed Program Grades 7-12 - Inclusion
S25X05 Hearing/Deaf Ed Program Grades 7-12
OTHER
S25X21 Completion of Partial SE Schedule
S25X22 Completion of Partial SE Schedule

DUAL ENROLLMENT COURSES

A qualified Wilson County Schools' high school student for dual enrollment courses is defined as a junior or senior with an unweighted 3.0 average or higher in the subject area of enrollment, an ACT composite score meeting the partnering college's or university's requirements, and an ACT sub score meeting the ACT Readiness Benchmark in the subject area of enrollment if applicable. Students and parents are required to complete a Wilson County Schools Dual Enrollment Agreement and Permission to Transport form if necessary prior to applying and registering for dual enrollment courses with any college or university with which Wilson County Schools partners.

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.

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 students:

Course Code	Course Name
C29H05	Dual Enrollment Accounting I

C29H07	Dual Enrollment Accounting II
C21H32	Dual Enrollment Advanced STEM Applications I
C21H33	Dual Enrollment Advanced STEM Applications II
C18H03	Dual Enrollment Agribusiness I
C18H32	Dual Enrollment Agribusiness II
C18H02	Dual Enrollment Agricultural Engineering & Applied Technologies I
C18H35	Dual Enrollment Agricultural Engineering & Applied Technologies II
C18H00	Dual Enrollment Agriculture, Food, Natural Resources
G04H45	Dual Enrollment American Government
G24HI9	Dual Enrollment American Sign Language I
G24HJ0	Dual Enrollment American Sign Language II
G03H88	Dual Enrollment Anatomy & Physiology II
G24H80	Dual Enrollment Arabic
C17H04	Dual Enrollment Architectural & Engineering Design I
C17H28	Dual Enrollment Architectural & Engineering Design II
G05H52	Dual Enrollment Art History I/Survey of Art History I
G05H53	Dual Enrollment Art History II/Survey of Art History II
C11H04	Dual Enrollment Art, Audio/Visual Technology, & Communications
C11H08	Dual Enrollment Arts & Design I
C11H09	Dual Enrollment Arts & Design II
C11H00	Dual Enrollment Audio/Visual Production I
C11H15	Dual Enrollment Audio/Visual Production II
C20H02	Dual Enrollment Automotive Collision Repair I
C20H23	Dual Enrollment Automotive Collision Repair II

C20H24	Dual Enrollment Automotive Collision Repair III
C20H01	Dual Enrollment Automotive Maintenance & Light Repair I
C20H21	Dual Enrollment Automotive Maintenance and Light Repair II
C20H22	Dual Enrollment Automotive Maintenance and Light Repair III
C20H30	Dual Enrollment Automotive Maintenance and Light Repair IV
C20H03	Dual Enrollment Aviation Flight I
C20H28	Dual Enrollment Aviation Flight II
C20H04	Dual Enrollment Aviation Maintenance I
C29H10	Dual Enrollment Baking & Finance II
C29H09	Dual Enrollment Banking & Finance I
C19H05	Dual Enrollment Barbering I
C19H24	Dual Enrollment Barbering II
G03H45	Dual Enrollment Biology I
G03H46	Dual Enrollment Biology II
C12H51	Dual Enrollment Business Communications
C12H01	Dual Enrollment Business Management I
C12H47	Dual Enrollment Business Management II
G03H51	Dual Enrollment Calculus Based Physics I
G03H52	Dual Enrollment Calculus Based Physics II
G02H51	Dual Enrollment Calculus I
G02H52	Dual Enrollment Calculus II
G02H53	Dual Enrollment Calculus III
G03H91	Dual Enrollment Chemistry Research
G24H79	Dual Enrollment Chinese (Mandarin)

C10H01	Dual Enrollment Coding I
C10H28	Dual Enrollment Coding II
G02H48	Dual Enrollment College Algebra
C19H04	Dual Enrollment Cosmetology I
C19H23	Dual Enrollment Cosmetology II
C19H27	Dual Enrollment Cosmetology III
C19H28	Dual Enrollment Cosmetology IV
C30H12	Dual Enrollment Criminal Justice and Correction Services I
C30H13	Dual Enrollment Criminal Justice and Correction Services II
C16H01	Dual Enrollment Culinary Arts I
C16H14	Dual Enrollment Culinary Arts II
C10H31	Dual Enrollment Cyber Security II
C10H24	Dual Enrollment Cybersecurity I
C14H02	Dual Enrollment Diagnostic Services I
C14H26	Dual Enrollment Diagnostic Services II
C20H06	Dual Enrollment Diesel Technology I
C20H25	Dual Enrollment Diesel Technology II
C20H26	Dual Enrollment Diesel Technology III
C20H27	Dual Enrollment Diesel Technology IV
C19H03	Dual Enrollment Dietetics & Nutrition I
C19H22	Dual Enrollment Dietetics & Nutrition II
C32H10	Dual Enrollment Early Childhood Education Careers I
C32H18	Dual Enrollment Early Childhood Education Careers II
C32H16	Dual Enrollment Educational Therapy & Support I
C32H19	Dual Enrollment Educational Therapy & Support II
C13H02	Dual Enrollment Electromechanical Technology I

C13H19	Dual Enrollment Electromechanical Technology II
C14H04	Dual Enrollment Emergency Services I
C14H29	Dual Enrollment Emergency Services II
C14H35	Dual Enrollment Emergency Services III
C14H36	Dual Enrollment Emergency Services IV
C21H00	Dual Enrollment Engineering I
C21H11	Dual Enrollment Engineering II
G01H30	Dual Enrollment English Composition I
G01H31	Dual Enrollment English Composition II
G01H29	Dual Enrollment English Language Arts
C31H12	Dual Enrollment Entrepreneurship I
C31H14	Dual Enrollment Entrepreneurship II
C18H06	Dual Enrollment Environmental & Natural Resources Management I
C18H36	Dual Enrollment Environmental & Natural Resources Management II
C14H06	Dual Enrollment Exercise Physiology I
C14H30	Dual Enrollment Exercise Physiology II
G03H63	Dual Enrollment Exercise Science
C11H13	Dual Enrollment Fashion Design I
C11H14	Dual Enrollment Fashion Design II
G02H50	Dual Enrollment Finite Mathematics
C30H14	Dual Enrollment Fire Management Services I
C30H15	Dual Enrollment Fire Management Services II
G25H20	Dual Enrollment First Year Seminar
C18H04	Dual Enrollment Food Science I
C18H37	Dual Enrollment Food Science II

G24H71	Dual Enrollment Foreign Language
G24H72	Dual Enrollment French
G24HB3	Dual Enrollment French II
G03H47	Dual Enrollment General Chemistry I
G03H48	Dual Enrollment General Chemistry II
G24H73	Dual Enrollment German
G24H81	Dual Enrollment Greek
G08H16	Dual Enrollment Health & Wellness
C12H49	Dual Enrollment Health Administration II
C12H03	Dual Enrollment Health Services Administration I
C18H05	Dual Enrollment Horticulture Science I
C18H33	Dual Enrollment Horticulture Science II
C16H16	Dual Enrollment Hospitality & Tourism II
C16H02	Dual Enrollment Hospitality & Tourism Management I
C16H15	Dual Enrollment Hospitality & Tourism Management II
C19H02	Dual Enrollment Human & Social Sciences I
C19H26	Dual Enrollment Human & Social Sciences II
G03H43	Dual Enrollment Human Anatomy & Physiology I
G03H44	Dual Enrollment Human Anatomy & Physiology II
C12H39	Dual Enrollment Human Resources Management I
C12H50	Dual Enrollment Human Resources Management II
C17H05	Dual Enrollment Interior Design I
C17H29	Dual Enrollment Interior Design II
G01H80	Dual Enrollment Introduction to Film
G05H56	Dual Enrollment Introduction to Theatre
G24H76	Dual Enrollment Italian

G24H78	Dual Enrollment Japanese
G24H75	Dual Enrollment Latin
G24HB4	Dual Enrollment Latin II
C15H22	Dual Enrollment Leadership in Community Emergency Response I
C15H23	Dual Enrollment Leadership in Community Emergency Response II
C13H01	Dual Enrollment Machining Technology I
C13H20	Dual Enrollment Machining Technology II
C13H22	Dual Enrollment Machining Technology III
C13H23	Dual Enrollment Machining Technology IV
G04H41	Dual Enrollment Macroeconomics
C31H10	Dual Enrollment Marketing Management I
C31H11	Dual Enrollment Marketing Management II
G02H47	Dual Enrollment Mathematics
C17H03	Dual Enrollment Mechanical, Electrical, & Plumbing Systems I
C17H30	Dual Enrollment Mechanical. Electrical, & Plumbing Systems II
C13H04	Dual Enrollment Mechatronics I
C13H21	Dual Enrollment Mechatronics II
C13H24	Dual Enrollment Mechatronics III
C13H25	Dual Enrollment Mechatronics IV
C14H32	Dual Enrollment Medical Assisting
C14H31	Dual Enrollment Medical Terminology
G04H40	Dual Enrollment Microeconomics
G05H54	Dual Enrollment Music Appreciation
C10H02	Dual Enrollment Networking Systems I

C10H29	Dual Enrollment Networking Systems II
G03H49	Dual Enrollment Non-Calculus Based Physics I
G03H50	Dual Enrollment Non-Calculus Based Physics II
C14H03	Dual Enrollment Nursing Services I
C14H27	Dual Enrollment Nursing Services II
C14H33	Dual Enrollment Nursing Services III
C14H34	Dual Enrollment Nursing Services IV
C12H02	Dual Enrollment Office Management I
C12H48	Dual Enrollment Office Management II
G03H89	Dual Enrollment Organic Chemistry I
G03H90	Dual Enrollment Organic Chemistry II
G04H43	Dual Enrollment Personal Finance
G08H17	Dual Enrollment Physical Education
G02H90	Dual Enrollment Pre-Calculus I
G02H91	Dual Enrollment Pre-Calculus II
C30H16	Dual Enrollment Pre-Law I
C30H17	Dual Enrollment Pre-Law II
G02H49	Dual Enrollment Probability & Statistics/Elementary Statistics
G04H44	Dual Enrollment Psychology
C15H06	Dual Enrollment Public Management & Administration I
C15H24	Dual Enrollment Public Management & Administration II
G07H00	Dual Enrollment Religious Studies I
G07H01	Dual Enrollment Religious Studies II
C17H01	Dual Enrollment Residential & Commercial Construction I
C17H31	Dual Enrollment Residential & Commerical Construction II

C17H33	Dual Enrollment Residential and Commercial Construction III
C17H34	Dual Enrollment Residential and Commercial Construction IV
G24H77	Dual Enrollment Russian
G03H42	Dual Enrollment Science
C25H17	Dual Enrollment Service Learning
G04H39	Dual Enrollment Social Studies
G04H42	Dual Enrollment Sociology
G24H74	Dual Enrollment Spanish
G24HB2	Dual Enrollment Spanish II
G24H82	Dual Enrollment Spanish III
G24H83	Dual Enrollment Spanish IV
G05H55	Dual Enrollment Speech/Fundamentals of Speech Communication
C17H02	Dual Enrollment Structural Systems I
C17H32	Dual Enrollment Structural Systems II
C31H15	Dual Enrollment Supply Chain Management I
C31H16	Dual Enrollment Supply Chain Management II
G04H48	Dual Enrollment Survey of American History I
G04H49	Dual Enrollment Survey of American History II
G01H32	Dual Enrollment Survey of American Literature
G01H33	Dual Enrollment Survey of British Literature
G01H35	Dual Enrollment Survey of Literature of the Western World
G04H50	Dual Enrollment Survey of Western Civilization I
G04H51	Dual Enrollment Survey of Western Civilization II
G04H46	Dual Enrollment Survey of World History I

G04H47	Dual Enrollment Survey of World History II
G01H34	Dual Enrollment Survey of World Literature
C32H04	Dual Enrollment Teaching as a Profession (K-12) I
C32H05	Dual Enrollment Teaching as a Profession (K-12) II
C21H01	Dual Enrollment Technology
C21H12	Dual Enrollment Technology II
C14H05	Dual Enrollment Therapeutic Services I
C14H28	Dual Enrollment Therapeutic Services II
C18H01	Dual Enrollment Veterinary & Animal Science I
C18H34	Dual Enrollment Veterinary & Animal Science II
G05H51	Dual Enrollment Visual & Performing Arts
C10H03	Dual Enrollment Web Design I
C10H30	Dual Enrollment Web Design II
C13H03	Dual Enrollment Welding I
C13H18	Dual Enrollment Welding II
C13H26	Dual Enrollment Welding III
C13H27	Dual Enrollment Welding IV
C25H18	Dual Enrollment Work-based Learning: Career Practicum
G04H52	Dual Enrollment World Regional Geography

STATEWIDE DUAL CREDIT COURSES AND DESCRIPTIONS

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.

SDC American History II (HIST 2020)
Criminal Justice (CRMJ 1010)
Introduction to Business (BUSN 1305)
Introduction to Probability & Statistics (MATH 1530)
Pre-Calculus (MATH 1730)
Psychology (PSYC 1030)
Speech and Communications (COMM 2025)
World History (HIST 1220)
Introduction to Agriculture Business (AGRI 1010)
Introduction to Plant Science (AGRI 1030)
Introduction to Education
Introduction Principles of Marketing

LOCAL, INDUSTRY CERTIFICATIONS, and STATEWIDE DUAL CREDIT COURSES

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.

Wilson County Schools offers the following local dual credit opportunities in 2022-2023 school year:

Advanced Manufacturing

- C13H15H Honors Robotics & Automated Systems: FANUC Robotics Industry Certification

Agriculture, Food, & Natural Resources

- C18H18 Organizational Leadership & Communications: Introduction to Agriculture Leadership Dual Credit Challenge Exam (MTSU)
- C18H10 Agriculture Business & Finance: Statewide Dual Credit Introduction to Agriculture Business and/or
- 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
- C18H09 Introduction to Plant Science(Greenhouse Management): State-Wide Dual Credit Plant Science
- C18H16 Landscaping & Turf Science: Tennessee Specific Industry Certification/ Dual Credit Exam Horticulture Science
- C18H27 Large Animal Science: Introduction to Animal and Veterinary Science Dual Credit Challenge Exam (MTSU)
- C18H21H Honors Veterinary Science; Tennessee Specific Industry Certification/ Dual Credit Challenge Exam Animal Science

Architecture & Construction

- C17H25 Residential & Commercial Construction II: OSHA-30 Industry Certification

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
- C12H44: Statewide Dual Credit: Introduction to Business

Education and Training

- Statewide Dual Credit: Introduction to Education

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
- 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
- C30H11 Statewide Dual Credit Criminal Justice: Statewide Dual Credit Challenge Exam

Lifetime Wellness:

- G08H02 Lifetime Wellness: Local Dual Credit Challenge Exam

Marketing Management

- Statewide Dual Credit Challenge Exam: Principles of Marketing

Personal Finance

- G04H36 or C29H11:Local Dual Credit Challenge Exam

STEM

- C21H06H Honors Engineering Design II: Solid Works Industry Certification
- C13H15H Honors Robotics & Automated Systems: FANUC Robotics Industry Certification

Transportation

- C20H11/C20H01 Maintenance & Light Repair III: ASE Student Industry Certifications
- C20H12/ C20H21 Maintenance & Light Repair IV: ASE Student Industry Certifications