

Tennessee High School Summary Sheet

COURSE REQUIREMENTS AT THS

There are 28 credits required for graduation.

CLUBS

A summary of clubs and membership requirements is included in the THS Student Handbook.

COMMUNITY SERVICE HOURS

Service is defined through the voluntary contributions made by a student to the school or a community agency, done without compensation or course credit, and with a positive, courteous, and enthusiastic spirit. Students who complete 10 community service hours each semester will be recognized at graduation.

GPA AND CLASS RANK

Student grade point averages and class rank are calculated at the end of each semester.

LETTER	NUMERICAL GRADE	GRADE POINT VALUE
A	90 – 100	4 points
B	80 – 89	3 points
C	70 – 79	2 points
D	60 – 69	1 point
F	59 and below	0 points

The overall grade point average is computed by totaling all the grade points and dividing the total by the number of courses taken.

Example: A student makes a 95A, 85B, 89B and an 74C. Add the numerical values of $4+3+3+2= 12$; then divide 12 by 4 (the number of classes) to calculate a GPA of 3.0.

REGISTRATION

Students will complete registration in the spring semester with their counselor.

SCHOLARSHIPS

Scholarship information is placed on the counseling office webpage at <http://ths.btcs.org/counseling>.

STUDENT ATHLETES

If students aspire to participate in collegiate athletics, they should be mindful of the NCAA course requirements. Students also need to satisfy the GPA and test score requirements on the NCAA sliding scale. Please remember that the NCAA only considers grades in core classes for eligibility purposes. Please visit <http://www.ncaa.org/wps/wcm/connect/public/NCAA/Eligibility/index.html> for more information.

TESTING TERMS

Test requirements vary among colleges as does the weight the test scores carry in the admissions decision. Below are definitions of the most widely used tests:

ACT: The ACT combines certain aspects of both the SAT I and SAT II into one test. It is a multiple-choice test and the scores range from 0 to 36. There are four parts to the test: English, Social Sciences, Natural Sciences and Mathematics. The Writing Test is optional.

PSAT/NMSQT: The Preliminary Scholastic Aptitude Test and the National Merit Scholarship Qualifying Test provide a practice SAT test for college bound students in the fall of their junior year.

SAT : The Scholastic Aptitude Test is one of the factors used as college admissions criteria. It is a multiple-choice test that is designed to test the student's aptitude for scholastic work (not intelligence). The SAT is usually taken in the spring of the junior year and again in the fall of the senior year. Scores are broken down into critical reading, mathematical and writing categories and range from 200 to 800 per section. Total scores range from 400-1600, where 1600 would be a perfect score. Colleges differ on the average SAT score which they expect of applicants.

AP: Advanced Placement Tests are usually taken after a student has completed an Advanced Placement course in a specific academic area. These tests normally cost \$96.00. Students can earn college credit and/or advanced standing in college based on their scores that range from 1 to 5.

CLEP: College-Level Examination Program courses are taught on a college level and are designed to prepare students to take the CLEP test which, with qualifying scores, may permit them to receive college credit from many post- secondary institutions.

DUAL CREDIT/ ARTICULATION: Northeast State Community College, in partnership with Tennessee High, enables high school students to take selected high school courses which may later articulate to Northeast State. Articulation means that the student, upon demonstrating subject matter competency at the college level, can receive credit for college-level courses upon enrollment at Northeast State. This partnership enables the student/the college/and the State of Tennessee to save time and money while at the same time results in the student getting an early start to college, graduating earlier, and entering the workforce sooner.

CTE students must pass the articulation assessments with a minimum grade of a "C". Health-Related Professions students must pass with a minimum grade of a "B". The college credit will then be transcribed to the student's transcript upon enrollment and continued student status beyond the two-week enrollment period. See CTE course listings for more information.

Students may bring up to *eight hours* of college level credit with them upon enrollment at Northeast State within two years of graduation from high school.

Tennessee High School Code: (for SAT I, SAT II and ACT tests): **430180**

TENNESSEE HOPE SCHOLARSHIP

(Lottery Scholarship)

Award Amount: \$1750 per semester for a four year college/university or \$1500 per semester for a two-year college.

Students must meet the following requirements:

- Entering freshmen must have a minimum of a 21 ACT (980 SAT), exclusive of the essay and optional subject area battery tests OR
- Overall weighted minimum 3.0 grade point average (GPA)

(General Assembly Merit Scholarship)

Award Amount: \$1,000 in addition to Hope Scholarship funds

Students must meet the following requirements:

- Students graduating from a Tennessee public school must have a minimum 3.75 weighted GPA AND 29 ACT (1280 SAT), exclusive of the essay and optional subject area battery tests.

(Wilder-Naifeh Technical Skills Grant)

Award amount – \$667 per trimester

Wilder-Naifeh Technical Skills Grant Recipients Must:

- Enroll in a certificate or diploma program at a Tennessee Center for Applied Technology
- Cannot be prior recipient of Tennessee HOPE Scholarship or Wilder-Naifeh Technical Skills Grant.
- Available to all students enrolled at a Tennessee Technology Center who are TN residents 1 year prior to the term school begins

TENNESSEE PROMISE

Tennessee Promise offers two years of tuition-free community or technical college to Tennessee high school graduates. A critical component is the individual guidance each participant will receive from a mentor who will assist the student as he or she navigates the college admissions process. In addition, Tennessee Promise participants must complete eight hours of community service per term enrolled, as well as maintain satisfactory academic progress (2.0 GPA) at their institution.

Award Amount – Amount varies based on the amount of remaining tuition and mandatory fees after all other aid has first been applied.

TN SCHOLARS

This is a program designed to recognize students for academic excellence, good attendance and community involvement. Please visit <http://www.tnscholars.org/> for more information.

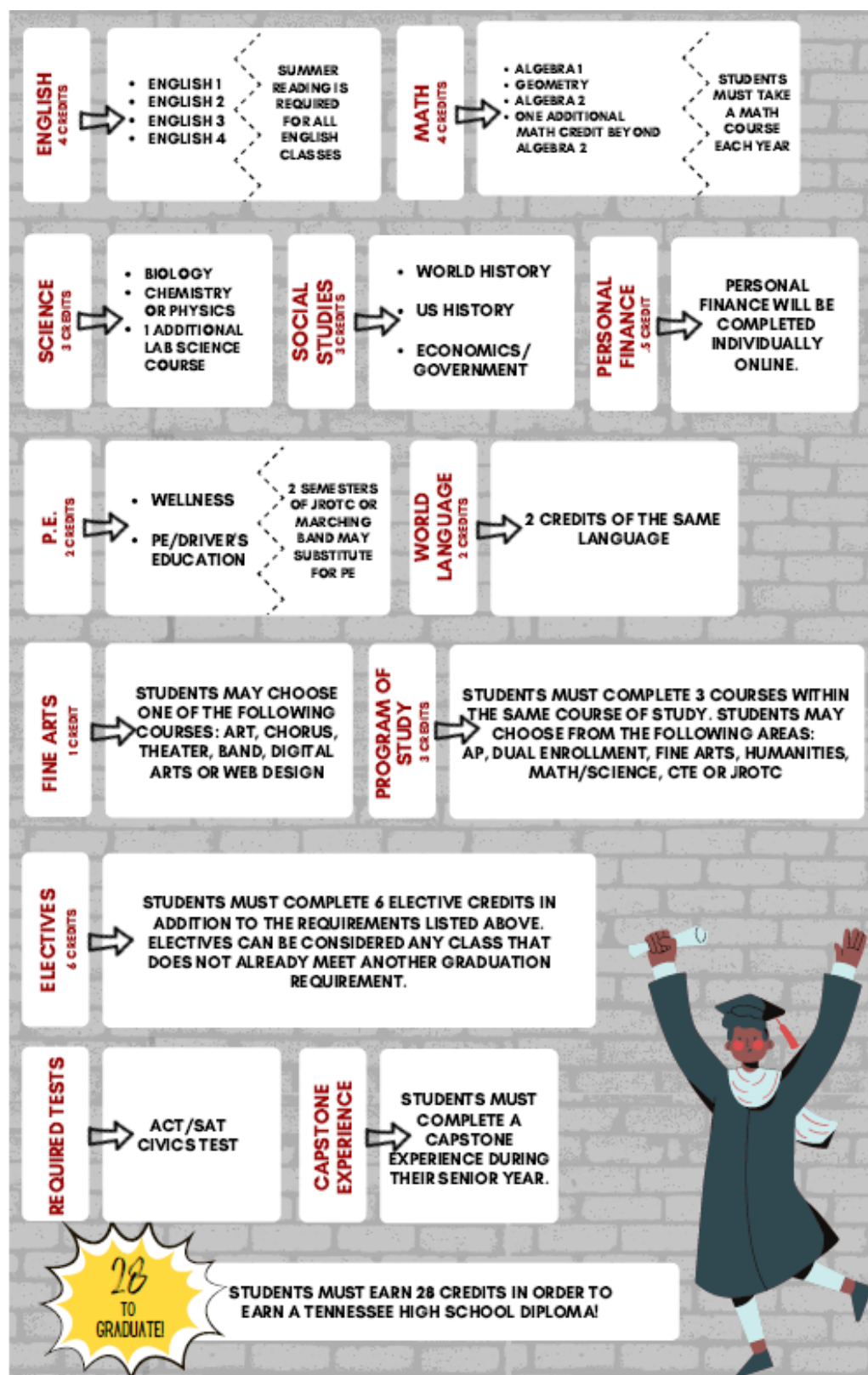
TUTORING

Tutoring is available after school with individual teachers. Students may also attend the Afterschool program for tutoring and activities; this program is available Monday-Thursday from 2:30-5:30 PM.

SUMMER READING

Summer Reading will be required of all English classes. Summer reading information will be available on the Tennessee High School website.

GRADUATION REQUIREMENTS



Programs of Study 2023-2024

Students must complete 3 electives from a single Program of Study (POS) per graduation requirements.

Academic

Advanced Placement

AP Art
AP Biology
AP Calculus
AP Chemistry
AP Literature and Composition
AP Human Geography
AP Physics 1
AP Psychology
AP US History
AP Language and Composition
AP Music Theory
AP Spanish Language and Composition
AP Computer Science

Fine Arts

Concert Choir
Instrumental Music
Music Theory
Art 1, Art 2, Art 3
AP Art
Percussion
Color Guard
Madrigals
Theatre Arts 1, Theatre Arts 2
AP Music Theory
Women's Ensemble
Color Guard
Digital Arts 1

Web Design

Math/ Science

Pre-Calculus
AP Calculus
Statistics
Chemistry/Physics
AP Chemistry
Environmental Science
AP Physics 1
AP Biology
Anatomy and Physiology

Humanities

Creative Writing 1
German 1, 2, 3, 4
Public Speaking
AP English Literature
Spanish 1, 2, 3, 4
Journalism (Yearbook)
Journalism (Maroon & White)
AP English Language
Mythology/Etymology
French 1, 2, 3,
Psychology/ AP Psychology
Contemporary Issues

Career and Technical Education (24 Programs of Study offered)

Advanced Manufacturing

Machining Technology:

Principles of Manufacturing (PMI)
Principles of Machining I
Dual Enroll: Quality & Inspection; Industrial
Safety; Machine Tool Operations I
Dual Enroll: Blueprint Reading; Machine Tool
Operations II

Northeast State Semester 3 (at NE State):
CNC Programming I; Machine Tool Op III;
CNC Machine Operations I

Ind. Cert.: PMI (Precision Meas. Inst.)
Dual Credit at TCAT Eliz.: PMI Ind. Cert. = 90 hrs

Welding:

Principles of Manufacturing
Welding I

Dual Enroll. TCAT Welding 1/2 (120 hours)
Dual Enroll. TCAT Welding 3/4 (120 hours)
Dual Enroll. TCAT Pipefitting (120 hours)
Ind. Cert.: AWS Cert. Welder; OSHA 10 Manufacturing; (NE State DC Test)

Agriculture, Food, & Natural Resources

Environmental and Natural Resource Management:

AgriScience
Fisheries & Wildlife Science
Animal Science
Ind. Cert.: OSHA 10 Agriculture, Ducks Unlimited
Ecology Conservation & Management,
ELANCO Animal Science

Architecture & Construction

Architectural & Engineering Design

Architectural Design I
Architectural Design II
Architectural Design III

Mechanical, Electrical, & Plumbing (MEP) Systems:

Fundamentals of Construction (OSHA10, NCCER)
MEP Systems
Plumbing Systems
Ind. Cert.: OSHA 10 Construction; NCCER Core

HVAC Systems:

Fundamentals of Construction
Northeast State HVAC (Sem. 1)
Northeast State HVAC (Sem. 2)
Northeast State HVAC (Sem. 3)
Northeast State HVAC (Sem. 4)

Residential & Commercial Construction:

Fundamentals of Construction (OSHA10, NCCER)
Dual Enroll. TCAT Building Construction I (NCCER Const. Tech, NCCER Fall Protection)
Dual Enroll. TCAT Building Construction II (Carpentry 1)
Ind. Cert.: OSHA 10 Construction; NCCER Core; NCCER Construction Technology; NCCER Fall Protection Orientation; NCCER Carpentry 1

Arts, Audio/Visual Technology, & Communications

Digital Arts & Design:

Digital Arts & Design 1
Digital Arts & Design 2
Digital Arts & Design 3
Ind. Cert.: Adobe Certified Professional

Business Management & Administration

Business Management:

Business Management (1 year only)
CLEP Test: Principles of Management

Education and Training

Teaching as a Profession (K-12)

Introduction to Teaching as a Profession
Teaching as a Profession I
Teaching as a Profession II
Teaching as a Profession Practicum

Government & Public Administration

Leadership in Government

JROTC I
JROTC II
JROTC III
JROTC IV

Health Science

Nursing Services

Health Science Education
Anatomy & Physiology
Medical Therapeutics (NEState Dual Credit CPR Test)
Nursing Education (CNA--Cert. Nursing Asst.) and
Clinical Internship (students enroll in both)
Ind. Cert.: OSHA10 Healthcare; CNA--Cert. Nursing Asst

Therapeutic Services

Health Science Education
Anatomy & Physiology
Medical Therapeutics (NEState Dual Credit CPR)
Pharmacological Science (NEState Dual Credit

CPR) and Clinical Internship (students enroll in both)
Ind. Cert.: OSHA10 Healthcare, Cert. Pharm. Tech.

Sport and Human Performance

Health Science Education
Anatomy & Physiology
Rehabilitation Careers (NEState Dual Credit CPR Test)
Ind. Cert.: OSHA10 Healthcare

Hospitality & Tourism

Culinary Arts:

Culinary Arts 1 (OSHA10)
Culinary Arts 2 (ServeSafe Food Manager)
Culinary Arts 3
Culinary Arts 4
Ind. Cert.: OSHA10, ServeSafe Food Manager

Human Services

Cosmetology:

Cosmetology 1
Dual Enroll. TCAT Cosmetology 1/2 (120 hours)
Dual Enroll. TCAT Cosmetology 3/4 (120 hours)
Dual Enroll. TCAT Cosmetology 5/6 (120 hours)
Ind. Cert.: OSHA10 Cosmetology

Information Technology

Coding:

Computer Science Foundations
Coding I
AP Computer Science Principles

Cybersecurity:

Computer Science Foundations
Cybersecurity I
Cybersecurity II
AP Computer Science Principles

Web Design:

Computer Science Foundations
Web Design Foundations
AP Computer Science Principles
Ind. Cert.: Comp. TIA Foundations

**The WorkKeys Test is taken by seniors in the Spring. Students can earn the National Career Readiness Certificate (NCRC) with a qualifying score which will qualify students for Dual Credit (Technology Foundations) at TCAT Elizabethton and Dual Credit at Northeast State.*

Law, Corrections, & Security

Criminal Justice & Correction Services:

Criminal Justice I
Criminal Justice II
Dual Enroll. Intro. to Criminal Justice
(CRMJ 1010) and Intro. to Legal
Process (CRMJ 1020)
Ind. Cert.: OSHA10 for Public Safety

Marketing, Distribution & Logistics:

Marketing Management:

Intro to Marketing and Entrepreneurship
Marketing and Entrepreneurship (CLEP)
Social Media Marketing and Analytics
CLEP Test: Principles of Marketing
Ind. Cert. Hootsuite Social Media Cert.

STEM

Engineering:

Principles of Engineering & Technology
Engineering I
Engineering II
Ind. Cert.: Dremel 3D Printing

Transportation, Distribution, & Logistics

Automotive Maintenance & Light Repair:

(all classes at Friendship Career Center)
Maintenance & Light Repair 1
Dual Enroll. TCAT Automotive 1/2 (120 hours)
Dual Enroll. TCAT Automotive 3/4 (120 hours)
Dual Enroll. TCAT Automotive 5/6 (120 hours)
Ind. Cert.: NC3 Multimeter, NC3 Hand Tool

Automotive Collision Repair:

Dual Enroll: NEState Paint & Refinishing 3 hrs (at THS)
Dual Enroll: NEState Special Topics Auto 1 hr (at THS)
Dual Enroll: NEState Non-Structural Rep 4 hr (at THS)

**Work-Based Learning Practicum can count as the 3rd or 4th level of all Programs of Study).
Industry Certification opportunity:
OSHA10 General Industry*

Comparison of Graduation Honors

<u>Tennessee High School Graduates of Highest Distinction</u>	State of Tennessee Honors		<u>Tennessee Scholars</u>
	<u>Graduating with Honors</u>	<u>Graduating with "State Distinction"</u>	
4 or more completed AP credits	Score at or above all subject area readiness benchmarks on ACT	"B" average, and <u>one</u> of the following:	All Tennessee minimum graduation requirements plus the following:
95 or above cumulative average (taken from final term grades)	Benchmarks are:	1. Earn a nationally recognized industry certificate	2 Career Technical Education Courses (Computer class may count as 1 CTE credit)
29 or above ACT composite or	Mathematics – 22	2. Participate in at least one of the Governor's Schools	- or -
1280 or above SAT composite	English - 18	3. Participate in one of the state's All State musical organizations	2 AP credits
3 or higher on at least 2 AP exams (beginning with the Class of 2025)	Reading - 22	4. Be selected as a National Merit Finalist or Semi-Finalist	- or -
	Science - 23	5. Attain a score of 31 or higher ACT composite score	2 Dual enrollment, Dual Credit, Joint enrollment or online courses
		6. Attain a score of 3 or higher on at least 2 AP exams	- or -
		7. Successfully complete the International Baccalaureate Diploma Program	Any combination of two above
		8. Earn 12 or more semester hours of postsecondary credit recorded on transcript.	80 hours of Community Service
			"C" minimum in each TN/VA Scholars Course (Courses may be retaken to meet this requirement.)
			95% attendance over the course of 4 years (No more than 36 total days)
			No Out-of-School Suspensions

<u>Graduating with District "Distinction"</u>	State of Tennessee Honors		<u>Work Ethic Distinction</u>
	<u>Tennessee Tri-Star Scholar</u>	<u>Seal of Biliteracy</u>	
Overall GPA of 3.0 or higher	Composite score of 19 or above on the ACT	Complete 1 or more languages in addition to English	See the next page for more information
Earned an industry certification in <u>student's career interest area</u> or <u>regional recognized industry certification</u>	Earn a capstone industry certification as promoted by the Tn. Department of Education	Complete all English requirements with an overall GPA of 3.0 or above in those classes	
		Score advanced, on-track, or mastered on each English EOC taken	
		Achieve a passing score on a nationally recognized foreign language proficiency assessment	

Ready Graduate Information

What is a Ready Grad?

At THS, we strive to make sure each student is ready for college, career and life after they graduate. This is measured each year on the types of courses we offer, tests students take and opportunities provided by THS to prepare students for whatever their paths are after they graduate. The TN Department of Education's Ready Graduate Indicator is a statewide accountability measure that shows the percentage of students who are on-track for career and/or college success. A student can earn the distinction of Ready Grad by earning different Early Postsecondary Opportunities (EPSOs) throughout their high school journey. Having this distinction signifies that a student is ready to enter the workforce or to enter college upon completion of high school graduation requirements.

How do I become a Ready Grad?

In order for a student to be considered a Ready Graduate from THS, they must complete at least one of the following criteria:

- Earning an ACT Composite score of 21+ OR a SAT score of 1060+
- Earn 4 EPSOs (defined below)
- Earn 2 EPSOs +an Industry Certification
- Earn 2 EPSOs + earn ASVAB AFQT score of 31+

What is an EPSO?

Early postsecondary opportunities (EPSOs) include a course and/or exam that give students a chance to obtain postsecondary credit while still in high school. Courses (whether stand-alone or in conjunction with an exam for postsecondary credit) must be aligned to postsecondary standards.

How do EPSOs benefit students?

EPSOs provide students the opportunity to take full advantage of the rigors of college and the workforce. Research has shown that students who participate in early postsecondary opportunities are more likely to enroll and persist in postsecondary environments and gain skills that employers are looking for in future employees.

What are the different types of EPSO's THS offers?

Advanced Placement (AP) classes - An AP class is considered an advanced, or accelerated course where students can earn college credit by taking and earning a certain score on the associated AP exam. AP classes coincide with specific graduation requirements.

College Level Examination (CLEP) - A CLEP test can be taken in different classes offered at THS. The CLEP test reflects a rigorous experience in class that allows a student to show mastery of the given subject. Passing this test can help you earn college credit.

Dual Enrollment - Dual enrollment classes are classes that students can take to earn both high school AND college credit. Dual enrollment classes might transfer in at each college differently. By taking dual enrollment classes in high school, a student can reduce the number of classes that are taken at the college level.

Local Dual Credit (LDC) - A high school course that is aligned to local post secondary institution's course and exam. Students who pass the exam earn credits that might be accepted and/or recognized by a local postsecondary institution.

Statewide Dual Credit (SDC) - A SDC class is a college-level course taught at the high school level by trained high school teachers.

Work Ethic Diploma Distinction

The Work Ethic Diploma Distinction is a workforce readiness credential which provides students the opportunity to demonstrate key concepts which are important for success in both the workforce and postsecondary. When students earn this distinction, they are letting area employers know they put a focus on the 21st century skills and understand their role in getting hired and staying employed. Students who graduate with this distinction will be guaranteed an interview with partnering companies if they meet other qualifications.

The following companies and more recognize this distinction in Northeast Tennessee:

The Robinette Company
Ballad Health
Spherion Staffing Services
Mullican Flooring
Alcoa Howmett
TRW Automotive
Meritor, Inc.
Petoskey Plastics
General Electric
Lear Corporation
Rich's Products Organization
Team Technologies, Inc.
Lisega, Inc.
Hutchinson
Renold Jeffrey
Iconex, LLC.
Bodycote
Original Footwear Co.
Tuff Torq Corp.
ColorTech, Inc.

WorkNow!, Inc.
Old Dominion Freight Line
@Work Personnel Services
Express Employment
Kelly Services, Inc.
Cooper Standard Automotive
Norris Homes
Baldor Electric Co.
Kawasaki TN, Inc.
International Paper
Mahle Powertrain LLC
JTEKT Automotive
Arconic
Ball Corporation
SI Group Inc.
American Appliance Products, Inc.
Worthington Industries
Phoenix Closures, Inc.
Eastern Plating, Inc.

To receive the Work Ethic Distinction a student **must earn a minimum of 32 points** and a regular high school diploma.

1. Attendance

- 1 pt : Student has no more than 5 absences from school during their senior year.
- 2 pts : Student has no more than 3 absences from school during their senior year.
- 3 pts : Student has no more than 1 absences from school during their senior year.

2. Tardiness

- 1 pt : Student has no more than two unexcused tardies to school during their senior year.
- 2 pts : Student has no unexcused tardies to school during their senior year.

3. Discipline

- 1 pt : Student has no more than one discipline referral during their senior year.
- 2 pts : Student has no discipline referrals during their senior year.

4. Overall GPA

- 1 pt : Student has an overall GPA of 2.0 to 2.9.
 - 2 pts : Student has an overall GPA of 3.0 to 3.4.
 - 3 pts : Student has an overall GPA of 3.5 or above.
- 5. Drug Free**
- 5 pts : Student voluntarily presents written proof as being drug free.
- 6. CTE Coursework**
- (1 pt.) CTE Participant - Student has completed and earned credit in at least one CTE course by the end of the senior year.
 - (2 pts.) CTE Concentrator - Student has completed and earned credit in two high school CTE courses, in sequence, in a single CTE program of study by the end of the senior year
 - (3 pts.) CTE Completer - Student has completed and earned credit in three or more high school CTE courses in a single CTE program of study by the end of the senior year
- 7. CTE Competition**
- 1 pt : Student has competed in an approved regional level CTE competition during their senior year.
 - 2 pts : Student has competed in an approved state level CTE competition during their senior year.
 - 3 pts : Student has competed in an approved national level CTE competition during their senior year.
- 8. Community Service Standard**
- (1 pt.) Student has completed 10 hours of community service during the senior year.
 - (2 pt.) Student has completed 20 hours of community service during the senior year.
 - (3 pt.) Student has completed 30 hours of community service during the senior year.
- 9. Post-Secondary Plan Standard**
- (2 pts.) Student is in good standing with TN Promise, including having applied to an accredited post-secondary institution OR student has enlisted in the military student has enrolled in a registered apprenticeship after high school graduation.
- 10. Dual Enrollment/Credit**
- 2 pts : Student has successfully completed a dual enrollment, dual credit, or Advanced Placement course and has been granted credit by any post-secondary institution during or before their senior year.
- 11. Industry Certification**
- 2 pts : Student has received a national industry certification during or before their senior
- 12. College and Career Assessment Standard**
- 2 pts : Student has achieved a Bronze Level National Career Readiness Certificate.
 - 4 pts : Student has achieved a Silver Level National Career Readiness Certificate.
 - 6 pts : Student has achieved a Gold or Platinum Level National Career Readiness Certificate.
- 13. Work Experience Standard**
- (4 pts.) Student has participated in an internship OR approved career practicum/work-based learning course OR has held a part time job during the senior year.

* For additional information regarding the Work Ethic Diploma Distinction, please see CTE Director, Deidre Pendley or your Counselor.

Advanced Placement Program Expectations

The following chart is meant to give you an idea of how much time a student may be expected to prepare for each of the AP Courses. The time a student spends on assignments also varies depending on his/ her skill level. Different teachers for the same course may have slightly different expectations, but time commitment should be about the same.

Language Arts:

Course Name:	Reading per class	Study hours per class	Tests, essays and papers	Major Projects (including summer assignments)
Language and Composition	<ul style="list-style-type: none"> • 3-5 major works per year • Several varied passages/ nonfictional excerpts 	½ hour to 1 hour per day	<ul style="list-style-type: none"> • Weekly written responses • 2-3 prompts or timed writing per quarter • Quizzes or tests on terms and reading as needed • Suggested mock exam 	Minimum: <ul style="list-style-type: none"> • 2-4 major projects during school year • A summer assignment is required.
Literature and Composition	2-3 major works per quarter	½ hour to 1 hour per day	<ul style="list-style-type: none"> • At least 2 AP practice timed writing assignments per quarter • Two-three tests on major works per quarter • Suggested mock exam 	A summer reading assignment is required.

Fine Arts:

Course Name	Reading per class	Study hours per class	Tests, essays and papers	Major Projects
Studio Art	<ul style="list-style-type: none"> • Ongoing visual journal or 	1 hour per day	<ul style="list-style-type: none"> • 6-8 pieces of work per quarter 	Development of major assignments to

	<ul style="list-style-type: none"> • sketchbook assignments • At home completion of work 		<ul style="list-style-type: none"> • Attendance is essential • Unfinished class work to be completed at home 	complete a portfolio of art work. The 4 th quarter consists of a portfolio of 24 workshops and submissions.
Music Theory	<ul style="list-style-type: none"> • On average, 20-25 textbook pages are covered per week 	1-2 hours per day	<ul style="list-style-type: none"> • Weekly aural assessments (listening and singing) • 3-4 tests per quarter • Mid-term and final exams 	<ul style="list-style-type: none"> • Mid-term project • Final composition project

Mathematics:

Course name	Reading per class	Study hours per class	Tests, essays and papers	Major Projects
Calculus AB	5-10 pages	1-2 hours per day	<ul style="list-style-type: none"> • Tests • Quizzes (daily) • Communication of mathematical processes and mathematical reasoning is essential 	<ul style="list-style-type: none"> • Review Notebook • Practice Free Response Questions • Homework packet
Computer Science Principles	5-10 pages	1-2 hours per day	<ul style="list-style-type: none"> • Tests • Quizzes 	<ul style="list-style-type: none"> • Review Notebook • Practice Homework

Science:

Course name	Reading per class	Study hours per class	Tests, essays and papers	Major Projects
Biology	<ul style="list-style-type: none"> • 30-50 pages per week (varies per unit) 	1-2 hours per day	<ul style="list-style-type: none"> • Tests and quizzes • Free response writing practice 	<ul style="list-style-type: none"> • 1 science project

			<ul style="list-style-type: none"> • Assignments vary with units • Lab reports 	
Chemistry	<ul style="list-style-type: none"> • 30-50 pages per week (varies per unit) • 25-30 problems per week 	1-2 hours per day	<ul style="list-style-type: none"> • Tests and quizzes • Free response writing practice • Assignments vary with units • Lab reports 	<ul style="list-style-type: none"> • 1 science project
Physics I	<ul style="list-style-type: none"> • 20-30 pages per week (varies per unit) • 25-30 problems per week. 	1-2 hours per day	<ul style="list-style-type: none"> • Tests and quizzes • Free response writing practice • Assignment vary with units • Lab reports 	

Social Studies:

Course Name	Reading per class	Study Hours per class	Tests, essays and papers	Major Projects
US History	<ul style="list-style-type: none"> • 40-60 pages per week • Supplemental reading as assigned • Document reading/analysis 	1-2 hours per day	<ul style="list-style-type: none"> • Unit tests/reading quizzes/practice AP exams • 3-4 essays per quarter • Special projects which may include papers and presentations 	
Human Geography	<ul style="list-style-type: none"> • 40-60 pages per week • Supplemental reading as assigned 	1-2 hours per day	<ul style="list-style-type: none"> • Unit tests/quizzes/practice AP exams • 3-4 essays per quarter • Special projects which may include 	

			papers and presentations	
Psychology	<ul style="list-style-type: none"> • 40-60 pages per week • Supplemental reading as assigned 	1-2 hours per day	<ul style="list-style-type: none"> • Unit tests/quizzes/practice AP exams • 3-4 essays per semester • Special projects which may include papers and presentations • 1 tech lab per topic/subject area 	

****According to School Board policy, all students enrolling in an AP course will be required to take the **AP exam** in that course to receive an AP credit. Students not taking the AP exam will receive credit in the corresponding honors class.

EXAMPLE: Student A passes AP Chemistry and also takes the AP exam.

Student A will receive **5 points on each nine weeks average and the final exam** along with transcript credit for **AP Chemistry**.

Student B passes AP Chemistry but opts not to take the AP exam.

Student B will receive **3 points on each nine weeks average and the final exam** along with transcript credit for **Honors Chemistry II**.

SCHEDULE CHANGE GUIDELINES

Students wishing to request course changes must complete the schedule request form available online at <http://ths.btcs.org/counseling>. **Course requests will be accepted through the first two full days of school each semester.** Students enrolled in dual enrollment classes may only change their schedule at the beginning of the term within the first two days of class. Students may not withdraw from a mid- or late-term course. Requests for teacher preferences are not honored at any time.

During the first two days of school and upon the completion of new student enrollment, counselors will consider requests that meet one of the following guidelines:

- A class on the schedule was taken and passed in summer school.
- A class was failed in the second term of the previous year or in summer school that is a prerequisite for a course appearing on the schedule.
- No English or math course appears on the schedule.
- A senior is not registered for a required course for graduation.
- Fewer than eight classes appear on the schedule.
- Courses are not sequenced in prerequisite order on the schedule.
- Student wishes to try a more challenging course in English, math, science, or social studies.

The following are **not** acceptable reasons for requesting a course change:

- Teacher preference.
- Fear of a low grade or course difficulty. (Keep this in mind when registering for Honors and/or AP courses).
- Course is not required for graduation.
- Student did not complete the summer reading requirement.

ENGLISH

G01H0920 English I

This freshman-level introductory course focuses on close reading of a variety of literary texts and genres, including fiction and nonfiction, as well as developing skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's final exam grade and a percentage of the overall course grade) will also be imperative.

G01H0910 English I (Honors)

Prerequisite: Students must earn a score at or above the 65th national percentile on the STAR Reading exam, score within the "On Track or Mastered" range on the 7th grade TNReady exam, have an A or B average, and receive a 4 on work ethic by 8th grade Honors English teacher.

This freshman-level introductory course focuses on close reading of a variety of literary texts and genres, including fiction and nonfiction, as well as developing sophisticated skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's exam grade and a percentage of the overall course grade) will also be imperative.

G01H1020 English II

Prerequisite: English I

This sophomore-level course focuses on developing close reading skills with a variety of literary texts and genres, including fiction and nonfiction, as well as developing skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's exam grade and a percentage of the overall course grade) will also be imperative.

G01H1010 English II (Honors)

Prerequisite: A or B in Honors English I. Samples of student work may be Reviewed before placement in all Honors classes.

This sophomore-level course focuses on developing close reading skills with a variety of literary texts and genres, including fiction and nonfiction, as well as developing sophisticated skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's exam grade and a percentage of the overall course grade) will also be imperative.

G01H1120 English III

Prerequisite(s): English I and English II

This junior-level course focuses on strengthening close reading skills with an analysis primarily of American literary texts and genres, including fiction and nonfiction, as well as improving overall writing style. The course will emphasize formal essay development, including narrative, argument, and informational arrangements, while utilizing advanced research skills in the writing process. Students will also engage in ACT English and Reading test-taking skills development

G01H1700 AP English Language and Composition

Prerequisite: Junior, Honors English II with an A or B or an A in English II with teacher recommendation. Samples of student work may be reviewed before placement in an advanced placement course. AP English Literature should be taken in the student's senior year as a follow-up to this class.

AP English Language is a college-level course designed for preparation for the AP English Language and Composition Exam. This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Writing assignments focus on the critical analysis of language, including works of literary merit that are likely to be taught in an introductory college language course. **Note: Students will only receive "AP" credit (5 additional points) for the course if they take the AP exam; otherwise, only "Honors" credit will be awarded (3 additional points).**

G01H1320 English IV

Prerequisites: English I, II, and III

This senior-level course focuses on developing close reading skills with a chronological progression of British literary texts and genres, including fiction and nonfiction, also improving overall writing style. The course will emphasize developing formal literary essay skills, as well as creating a variety of technical texts, with a stress on expanding workplace skills that can be used in the post-secondary world. Students who complete the

Modern States online curriculum will have the opportunity to participate in the CLEP Composition exam.

G01H1800 AP English Literature and Composition

Prerequisite: Honors English III with an A or B average. Samples of student work may be reviewed before placement in an advanced placement course.

AP English Literature is a college-level course designed for preparation for the AP English Literature and Composition Exam. Writing assignments focus on the critical analysis of literature, including works of literary merit, that are likely to be taught in an introductory college literature course.

College application essays and resumes are also addressed. **Note: Students will only receive “AP” credit (5 additional points) for the course if they take the AP exam; otherwise, only “Honors” credit will be awarded (3 additional points).**

ENGLISH ELECTIVES

G01H1520 Journalism (Yearbook)

Students may only apply during the spring of their freshman year.

Students must then be chosen by the faculty in order to be accepted into the class. Students in this class focus on design, formation, and publication of the *Cadmea*.

G01H1521 Journalism Spring (Yearbook)

Students may only apply during the spring of their freshman year.

Students must then be chosen by the faculty in order to be accepted into the class. Students in this class focus on design, formation, and publication of the *Cadmea*.

G01H1550 Journalism (Maroon & White)

Prerequisites: Application and English teacher recommendation.

Maroon & White is designed to give students the reporting, writing, editing, and publishing skills necessary to produce a school newspaper, while exposing them to the many journalism-related careers that are available. Students acquire skills in copy-editing, news, sports, feature, and editorial writing, and advertising. See application process at the end of the course catalog.

G01H1551 Journalism Spring Semester (Maroon & White)

Prerequisites: Application and English teacher recommendation.

Maroon & White is designed to give students the reporting, writing, editing, and publishing skills necessary to produce a school newspaper, while exposing them to the many journalism-related careers that are available. Students acquire skills in copy-editing, news, sports, feature, and editorial writing, and advertising. See application process at the end of the course catalog.

G01H7420 Mythology/Etymology

This English elective course introduces word roots and derivatives from both Greek and Latin. It also fully covers the classic book, Edith Hamilton's *Mythology*, which introduces Norse mythology, Greek heroes, gods, goddesses, the Trojan War, and *The Odyssey*.

G01H0020 Creative Writing I

Open to all students who are interested in writing, this class explores a variety of writing skills and elements including, but not limited to, short stories and poetry. The primary focus is the introduction of various forms and methods of writing. This class is writing intensive.

G01H0620 Speech and Communications

Prerequisite: Preferred junior and senior students (sophomores allowed by teacher recommendation).

This class is designed to teach students effective communication skills in a variety of communicative settings. Students practice preparing, organizing, and creating presentations, which will help students develop their confidence and strengthen their speaking from the stage or at an interview.

FINE ARTS

NOTE: Students are limited to earning a total of 1 (one) credit per semester in Instrumental Music (with the exception of Drum Majors).

G05H0820 Art I

This is a survey course in art that covers the basics of drawing, painting, design, clay work, and photography, while meeting the fine arts requirement for college bound students.

G05H0920 Art II

Pre-requisites: An 85 or higher in Art I and/or recommendation of Art I teacher.

This is an elective art course that deals primarily with advanced drawing and painting. Students will work with pencil, ink, charcoal, colored pencil, pastel, watercolor, acrylic, oil, and batik.

G05H1020 Art III

Pre-requisites: An 85 or higher in Art II and/or the recommendation of Art II teacher. This is an advanced elective art course that involves study of design, sculpture, ceramics, printmaking, and advanced photography.

G05H2400 AP Art

Pre-requisites: An 85 or higher in previous art classes and the signed recommendation of former art teachers.

This is a college level course designed to prepare a student to complete an A.P. portfolio in either Drawing and Painting, 2-D Design, or 3-D Design; and to perform on the level of at least a first year college art design student. As a requirement of the AP Exam, you will be required to present and defend your portfolio. There will be some summer preparation expected.

G05H8420 Marching Band

Prerequisite: Teacher approval.

Students enrolled in this course will participate in marching band in the fall.

G05H3620 Instrumental Music: Brass Woodwinds

Prerequisite: Teacher approval.

Students enrolled in this course will participate in concert band in the spring.

G05H3820 Instrumental Music: Color Guard

Prerequisite: Teacher approval

This course is for students participating in the color guard during the fall semester.

G05H3720 Instrumental Music: Percussion

Prerequisite: Teacher approval

This course is for the percussion section in the fall and spring.

G05H4020 Concert Choir

Students will sing music in preparation for fall, winter and spring concerts

as well as off-campus performances and spring competitions. Students will learn to read musical notation and develop healthy vocal technique. Performance participation is mandatory and all students must procure concert attire.

G05H1120 General Music

General Music courses provide students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom. Instruction may include music theory, music history, and other studies in music.

G05H4220 Women's Ensemble

Prerequisites: Experience in Concert Choir preferred, teacher recommendation required.

This is a course for students interested in singing in an advanced level women's choir. Students will sing music in preparation for fall, winter and spring concerts as well as off-campus performances and spring competitions. Students will develop strong sight reading skills, and continue to develop healthy vocal technique. Performance participation is mandatory and all students must procure concert attire.

G05H4110 Madrigal Singers

Prerequisites: One-year experience in Concert Choir preferred, teacher recommendation and audition required.

This is a course for students interested in singing Madrigal and chamber music. Performances require appropriate costumes of the period. Students will also sing concert choir music throughout the year in mass choir performances and in spring competitions. It is recommended that students enroll for a full year.

G05H4420 Music Theory

Prerequisites: Prior basic musical knowledge

The purpose of this class is to give students the skills they need to advance in both instrumental and vocal music as a possible career, major, or minor in college. Students will learn the structure and composition of music, including advanced harmonies, melodies, rhythms, and modes. A brief section on music history will be covered. Music technology and composition programs will be utilized.

G05H2600 AP Music Theory

Prerequisite: Music Theory

A major component of any college music curriculum, this course introduces The student to musicianship, theory, musical materials, and procedures and integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of this course.

G05H1620 Theatre Arts I

Theater Arts I is offered to students who are new to high school theatre and want to learn basic theatrical skills. This course has an emphasis on acting and theatre history. Theater Arts I students will study the cultural contribution of theater, its structure, the play, and its performance. Acting skills will be taught through the use of monologue and small group scenes. Performance opportunities will be available through the Forensics Program or the Tennessee Speech and Drama League but are not mandatory. Competitions are held on Saturdays, and rehearsals will be set up for after school hours.

G05H1720 Theatre Arts II

Prerequisite: Must pass Theater Arts I or have experience with participating in live theatre in some fashion.

Theater Arts II is offered to students who want to further their theatrical skills through work in acting and directing. Basic principles of production are studied and applied through performances in various theatrical applications. Production work required. Enrollment in the course **requires** performance dates and times outside of school hours including weekends. Participation in competition pieces will be available through the Forensics Program or the Tennessee Speech and Drama League, but are not mandatory. Competitions are held on Saturdays, and rehearsals will be set up for after school hours.

G05H1820 Theatre Arts III

Prerequisite: Must pass Theatre Arts II

Theatre courses help students experience and develop skill in one or more aspects of theatrical production. Introductory courses provide theatre history as well as an overview of theatrical elements including acting, set design, stage management, directing, playwriting, and production. Advanced courses concentrate on extending and refining dramatic technique, expanding students' exposure to different types of theatrical

styles, genres, and traditions, and increasing their participation in public productions. Participation in some aspect of theatrical production is required in advanced courses.

C10H1621 Web Design Foundations

Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development.

C11H0420 Digital Arts and Design I

Digital Arts & Design I is the entry level and foundational course for students interested in graphic art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Students will acquire basic skills in illustration, typography, and photography. Various printing and finishing processes are discussed and used in real-world applications. Students will produce real-world jobs for the school system using equipment found in the professional printing industry. Graphic Design is taught using Adobe Creative Cloud; specifically Photoshop, InDesign and Illustrator. Students will create layouts for use in real world applications, along with personal projects.

WORLD LANGUAGE

All students interested in college must take 2 years of the same world language. Those who expect to pass the placement exam in college should take the third and fourth years of that same language.

G24H2120 French I

This course offers an introduction to the French language including communicative practices, pronunciation, grammar, and writing. Students will also learn Francophone culture.

G24H2220 French II

Prerequisites: French I

Students use the foundational principles acquired from French I to develop conversational and writing skills at an elementary level in the French language. Intermediate grammar is introduced. Students continue to study Francophone culture.

G24H2620 French III/ IV

Prerequisites: French I, II

Students use the foundational principles from levels I and II to develop an intermediate level of conversation and writing in the French language. More advanced grammar is introduced. Students are introduced to Francophone literature and continue to study French culture.

G24H2920 German I

This class is introductory level German. Students practice listening, reading, writing and speaking German. Students are introduced to German culture. Emphasis is placed on spoken German.

G24H3020 German II

Prerequisites: German I. Level II incorporates all phases of language learning from Level I with a continued emphasis on spoken German.

G24H3420 German III/ IV

Prerequisites: German I and German II; recommendation from Level II teacher.

Level III includes advanced grammar and a continuation of communicative skills from Level II with emphasis on spoken language.

G24H0420 Spanish I

This an introductory course that explores the Spanish language and culture. Basic skills studied include the alphabet, greetings, numbers, expressions for describing weather, telling time, and indicating dates, and professional business etiquette in Mexico. Themes studied include Holiday Traditions and Foods in Puerto Rico, Leisure Activities in San Antonio and Miami, Poverty in Schools in Mexico, and Family Roles in the Dominican Republic. Students will demonstrate their competence of the Spanish language and culture through the processes of reading, writing, listening, and speaking in Spanish at the novice low to novice high level.

G24H0520 Spanish II

Prerequisite: Spanish I

This an intermediate course that explores the Spanish language and culture. Themes include Fashion and Shopping in Spain, Routines and Daily Lifestyles of the Otavalo People of Ecuador, Vacationing and Traveling in Costa Rica, and Sports and Healthy Lifestyles in Argentina.

Students will demonstrate their competence of the Spanish language and culture through the processes of reading, writing, listening, and speaking in Spanish at the intermediate low to intermediate high level.

G24H1021 Spanish III (Honors)

Prerequisite: Spanish II

This course is aligned with the curriculum in preparation for AP Spanish Language and Culture. Themes include volunteer work and social conscience, environmental issues, technology, family and social problems, and a study of legends, artwork, and architecture in Mexico and in Spain. Students will engage in spoken communication, engage in written communication, synthesize information from diverse resources, and plan and produce required spoken and written presentations of course themes using their skills an advanced low level to advanced high level to demonstrate their competence of Spanish grammar, vocabulary, and of cultural knowledge. At the end of this course, students will have an opportunity to take the ACTFL Assessment of Performance toward Proficiency in Languages to receive the Seal of Biliteracy. Students who complete the Modern States Curriculum will have the opportunity take the CLEP Spanish Language exam.

LIMITED PLACEMENTS

G25H0020 and G250021 Preparing for the ACT Part 1 and Part 2

This course prepares students for the ACT and SAT college entrance exams. Students take timed practice tests to set goals for improvement. Students will review concepts in English, Reading, Math, Science Reasoning, and test-taking skills.

MATHEMATICS

Tennessee High has fully transitioned to the Traditional Math pathway. The traditional approach consists of three courses: Algebra I, Geometry, and Algebra II.

G02H0110 Honors Algebra 1 Part 1

Prerequisite: A or B in Honors 8th Grade Math

Algebra I emphasizes linear and quadratic expressions, equations, and functions. This course also introduces students to polynomial and exponential functions with domains in the integers. Students explore the structures of and interpret functions and other mathematical models. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. Projects will be required.

G02H0210 Honors Algebra I Part 2

Prerequisite: Honors Algebra 1 Part 1.

This course is part 2 of the Honors Algebra 1 course described above (Students will receive a math credit after successfully completing Honors Algebra 1 Part 2).

G02H0121 Algebra 1 Part 1

Prerequisite: Students enrolled in regular 8th grade math or scoring below 93% in 8th grade Advanced Math. After test results: below 90% on Math placement test given at the end of 8th grade.

This course is part 1 of the Algebra 1 course. Algebra I emphasizes linear and quadratic expressions, equations, and functions. This course also introduces students to polynomial and exponential functions with domains in the integers. Students explore the structures of and interpret functions and other mathematical models. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. (Students will receive an elective credit for this course).

G02H0221 Algebra I Part 2

Prerequisite: Algebra 1 Part 1.

This course is part 2 of the Algebra 1 course described above (Students will receive a math credit after successfully completing Algebra 1 Part 2).

G02H1110 Geometry Honors

Prerequisite: Successful completion of Honors Algebra I with an 85 or higher or teacher recommendation.

Broad and intensive development of the tools of geometry, methods of reasoning, construction, the coordinate plane, types of measurement, properties and applications of lines, triangles, quadrilaterals, similarity, right triangle trigonometry, circles, and transformations.

G02H11 Geometry

Prerequisite: Algebra I Part 2 with a "C" or above and/or teacher recommendation

Geometry emphasizes similarity, right triangle trigonometry, congruence, and modeling geometry concepts in real life situations. Students build upon previous knowledge of similarity, congruence, and triangles to prove theorems and reason mathematically. This course also introduces students to geometric constructions and circles. Students show a progression of mastery and understanding of the use and application of surface area and volume.

G02H1220 Geometry Part 1

Prerequisite: A "D" in Algebra 1 Part 2 and/or teacher recommendation

This course is the first half of the topics covered in Geometry described above. (Students will receive an elective credit for this course).

G02H1320 Geometry Part 2

Prerequisite: Geometry Part 1

This course is the second half of the topics covered in Geometry described above. (Students will receive a math credit after successfully completing Geometry Part 2).

G02H0520 Algebra 2 (Honors)

Prerequisites: A or B in Honors Geometry.

Algebra II emphasizes polynomial, rational, and exponential expressions, equations, and functions. This course also introduces students to the complex number system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. Projects will be required.

G02H0520 Algebra 2

Prerequisite: Geometry with a "C" or above and/or teacher recommendation

Algebra II emphasizes polynomial, rational, and exponential expressions, equations, and functions. This course also introduces students to the complex number system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and

inequalities to reason, solve, and represent equations and inequalities numerically and graphically.

G02H0620 Algebra 2 Part 1

Prerequisite: "D" in Math 2 Part 2 or Geometry II and/or teacher recommendation

This course is the first half of the topics covered in Algebra 2 described above. (Students will receive an elective credit for this course).

G02H0720 Algebra 2 Part 2

Prerequisite: Algebra 2 Part 1.

This course is the second half of the topics covered in Algebra 2 described above. (Students will receive a math credit after successfully completing Algebra 2 Part 2).

G02H2310 Pre-Calculus (Honors)

Prerequisite: A or B in Honors Algebra 2

Pre-calculus is designed to prepare students for college level STEM focused courses. Students extend their knowledge of the complex number system to use complex numbers in polynomial identities and equations. Topics for student mastery include vectors and matrix quantities, sequences and series, parametric equations, and conic sections. Students use previous knowledge to continue progressing in their understanding of trigonometric functions and using regression equations to model quantitative data. Students will also be covering many of the skills that will be needed for success in Calculus. Projects will be required.

G02H2400 AP Calculus AB

Prerequisite: A or B in Honors Pre-Calculus.

AP Calculus is equivalent to a first semester college level calculus course. The course is a comprehensive study of limits, continuity, differentiation and integration, and their applications.

G02H7520 Honors Statistics (Statewide Dual Credit)**

Prerequisite: A or B in Algebra 2 and 19 or above on the ACT Math Test.

Topics include methods of sampling, summarizing and displaying data; finding measures of central tendency, variation and position; understanding probability, binomial and normal distributions; constructing confidence intervals, learning the fundamentals of hypothesis testing for both one and two samples; and reviewing concepts of linear regression. Projects will be required.

****Upon completion of this course students will take the State Dual Credit Statistics Exam and students scoring a 75% or above will receive college credit from TBR schools. 4 points will be added to each 9 weeks grade and semester exam.**

G42H0220 Applied Mathematical Concepts

Prerequisite: "D" or below in Algebra 2

Applications and modeling using mathematics are the primary foci of this course. Sample potential applications for topics are Counting, Combinatorics, and Probability; Financial Math; and Linear Programming.

PHYSICAL EDUCATION

NOTE: Students are limited to earning a total of 1 (one) credit per Semester.

G08H0220 Wellness

A combination of the health, family life, and physical education curriculums. The course also contains a segment of the required classroom hours that apply to Driver Education.

G08H0020 Physical Education / Driver Education

Prerequisite: Wellness

A participation-based program of physical education for students. This class also contains the final components of Driver Education.

G08H0120 Advanced P.E.

Prerequisite: Physical Education with A or B average.

Weight training that also utilizes plyometric and agility training. This class is available for both male and female students.

G08H0150 Football Weightlifting 9-11

Prerequisite: 9th-11th grade football players

Weight training that also utilizes plyometric and agility training. This course will be offered in the spring semester.

G08H0170 Football Weightlifting 10-12

Prerequisite: 10th-12th grade football players

Weight training that also utilizes plyometric and agility training. This course will be offered in the fall semester.

G08H0140 Strength and Conditioning for Freshmen and Sophomores

Prerequisite: Freshmen and sophomores only.

Weight agility training for students that do not qualify for Advanced PE.

G08H0161 Intro to Strength and Conditioning for Freshmen Athletes

Prerequisite: Freshmen athletes only.

Weight agility training for male and female students.

G08H0121 Strength and Conditioning for Female Athletes

Prerequisite: Female athletes in grades 9-12

Weight training that also utilizes plyometric and agility training. This class is available for female students.

G08H0160 Strength and Conditioning for Women

This course is open to any female student interested in weight agility training.

SCIENCE

G03H3320 Environmental Science

Environmental Science is the study of the relationships of plants and animals to the physical and biotic environments with emphasis on associations, successions, distributions, and adaptations. This may be called “applied biology.”

G03H0010 Honors Physical Science

This course will take a more in-depth look at the basics of chemistry and physics. Mathematical relationships will be emphasized.

G03H0310 Biology (Honors)

Prerequisite: “A” in 8th grade science, score of 4 on work ethic by 8th grade Science teacher, and scoring at or above the 65th national percentile on STAR Reading.

This course is the study of life at the biochemical, cellular, and organism levels. It emphasizes interrelationships among living organisms and the environment. This course concludes with a state-mandated EOC exam.

G03H0320 Biology

Biology is the study of elementary biochemistry, the cell, metabolism, basic genetics, evolutionary theory, and ecology. This course concludes with a state-mandated EOC exam.

G03H1000 AP Biology

Prerequisite: Honors Chemistry

In this advanced course, you will study the core scientific principles, theories, and processes that govern living organisms and biological systems. You will complete hands-on laboratory work to investigate natural phenomena. Skills you will learn through the coursework are designing experiments and procedures to test a prediction or theory, collecting and analyzing data, interpreting data to draw conclusions, and developing and supporting a scientific claim with evidence.

G03H1220 Chemistry

Prerequisite: Biology

Chemistry is the study of states of matter, atomic structure, stoichiometry, chemical reactions, and acids and bases. Strong math background recommended. This course requires critical thinking and problem solving skills in relationship to science concepts.

G03H1210 Chemistry (Honors)

Prerequisite: A or B in Honors Biology

Chemistry is the study of states of matter, atomic structure, stoichiometry, chemical reactions, and acids and bases. Intense math applications. This course requires critical thinking and problem solving skills in relationship to science concepts.

G03H1600 AP Chemistry II

Prerequisite: Honors Chemistry

This course is the study of these topics: atomic structure, chemical bonding, kinetic molecular theory, oxidation-reduction reactions, solutions and chemical equilibrium and kinetics. Written lab reports are required. Advanced math skills are used on a daily basis. Usually taken by juniors and seniors.

G03H2020 Physics

Prerequisite: Physical Science, Biology. Co-requisite: Integrated Math III

Physics is a student-centered survey of the basic principles of physics. The curriculum includes mechanics, forces, gravity, energy, waves, optics, electricity, magnetism, modern physics and electric circuits.

G03H2700 AP Physics 1

Prerequisite: Honors Chemistry

The study of the relationships between matter and energy. In this course, students explore topics including Newtonian mechanics, work, energy, power, waves, sound, and electrical circuits. Advanced math skills are used on a daily basis. Written lab reports are required.

SOCIAL STUDIES**G04H1220 U.S. Government and Civics/ Economics**

Prerequisite: Juniors or Seniors only. This course will be split into 9 weeks of Government and 9 weeks of Economics with a separate grade for each. A half credit (.5) will be given for each.

This course covers state, local and federal government and their functions. The balance of power between the executive, legislative, and judicial branches of our federal government are emphasized. Students will learn the structure and processes of the government of the State of Tennessee and local governments. Economics emphasizes the study of supply, demand, and pricing. The stock market and corporations are studied through project based learning activities.

G04H1210 U.S. Government and Civics/ Economics (Honors)

Prerequisite: A or B in AP U.S. History or 90 or above in US History; Juniors or Seniors only. This course will be split into 9 weeks of Government and 9 weeks of Economics with a separate grade for each. A half credit (.5) will be given for each.

In addition to the core content covered in the Government and Economics course the Honors class will include additional projects and writing assignments. These research-based projects will extend the lessons to make them more relevant to real life situations. Students interested in this course should be prepared to spend time studying outside of the class. Students who complete the Modern States curriculum will have the opportunity to participate in the CLEP American Government exam.

G04H1020 World History and Geography

This course covers a study of world history from the French Revolution to the Contemporary World and subsequent human geographic issues that dominate the global community.

G04H1120 U.S. History and Geography

Prerequisite: Juniors or Seniors only

This course surveys our country's past from Post-Reconstruction to the present with special attention to Tennessee connections in history, geography, politics, and people. Students will also focus on human and physical geographic issues important in contemporary America and the global society.

G04H2100 AP U.S. History

Prerequisite: Juniors or Seniors only; A in World History and Honors English II or US History teacher recommendation

AP U.S. History will thoroughly familiarize students with the entire scope of our nation's past and challenge college-bound students to excel in U.S. History. Students must be able to devote time to intensive and extensive reading and writing activities. A major goal of this class is preparation for the AP U.S. History exam that can equate to college credit. Completion of the AP U.S. History exam is required in order to receive AP credit for the course. Students enrolled in the course who do not take the AP U.S. History exam will receive Honors credit.

G04H3000 AP Human Geography

Prerequisite: 93 or higher grade for the year in 8th grade social studies, score of 4 on work ethic by 8th grade Social Studies teacher, STAR Reading score at or above the 65th national percentile. Freshman or sophomores

This is an intensive, fast-paced study of the world with an emphasis on its cultural characteristics and coverage of its physical characteristics. Topics covered in this class include population, cultural patterns, political organization of space, agricultural and rural land use, industrialization, economic development and urbanization. This is a reading and writing intensive class. Expected reading for the course is 40-60 pages per week at home with at least 1-2 at home study hours per day. A major goal is preparation for the AP Human Geography exam that can equate to college credit for the course. Completion of the AP exam is required to receive AP credit for the course. Students who do not take the AP exam will receive Honors credit for the course.

SOCIAL STUDIES ELECTIVES

G04H2320 African American History

Students will examine the life and contributions of African Americans from the early 1600's through modern America. Students will explore the influence of geography on slavery and the growth of slavery on the American continent. 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 and effects of Jim Crow and trace the impact of African American migration through the early twentieth century. Students will explore the impact of the Harlem Renaissance and the conditions and 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.

G04H1720 Contemporary Issues/Sociology

The course is a study of human interactions and contemporary issues facing modern society.

G04H1520 Psychology

Prerequisite: Biology I

The course provides an informative study of people's behavior and thought processes. Students should have the ability to develop and test theories.

G04H2800 AP Psychology

Prerequisite: A or B in Honors Biology.

AP Psychology lecture, exercises, research, quizzes, and exams are designed to prepare students to successfully master the concepts and vocabulary necessary to gain a collegiate credit. This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are expected to read, analyze, and write effectively. Students enrolled in this course who do not take the AP exam will receive Honors credit for the course.

CAREER AND TECHNICAL EDUCATION (CTE)**INTRODUCTION TO CAREERS**

C25X0810 Career Advising and Planning

Career Advising and Planning is an course designed to show mastery of strategic career advising and planning through: (a) articulating personal academic strengths and applying them to a specific career and education requirements; (b) evaluating career options based on the alignment of skill sets, academics, and personality; (c) understanding the components of financing postsecondary education and beyond; and (d) engaging in experiential learning that can support career advising and planning. Upon completion of this course, proficient students will use their knowledge of individual strengths combined with career interests to meaningfully research pathways to postsecondary and work success, including the creation of high school coursework plans, career preparation materials, and ideal employee profiles. It is recommended that Career Advising and Planning occur in sequence after Career Awareness and Career Exploration.

ADVANCED MANUFACTURING

Machining Technology

C13H0520 Principles of Manufacturing

This course provides students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster. Throughout this course, students will learn to use a variety of hand tools, power tools, computer assisted and manually operated machines, and welders to complete assignments and projects. Students 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.

Industry Certification opportunity:

Precision Measurement Instruments (PMI) which earns a student Dual Credit at TN College of Applied Technology (TCAT) Elizabethton = 90 hrs

Earn your Northeast State Machine Tool Certificate before Graduation from THS!

We are so excited to offer this new CTE Dual Enrollment opportunity for students to earn their Machine Tool Certificate by taking 3 semesters of classes at

Friendship Career Center, then traveling to Northeast State to take the last semester (THS will provide transportation).

Machine Tool Operations Certificate program (31 Credit hours):

Taught at THS Friendship Career Center by Mr. Anderson:

Semester 1: Dual Enrollment Quality & Inspection; Industrial Safety;
Machine

Tool Operations I

Semester 2: Blueprint Reading; Machine Tool Operations II

Taught at Northeast State Technical Education Center (Blountville—
transportation provided):

Northeast State Semester 3: CNC Programming I; Machine Tool
Operations III; CNC Machine Operations I

Taught by THS Math teacher (can be senior math): MATH 1050 - Trigonometric
Applications

Welding

C13H0520 Principles of Manufacturing (Description above)

C13H1220 Welding I

Prerequisite: Principles of Manufacturing

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. Proficient students 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.

Industry Certification opportunities:

- Occupational Safety and Health Administration (OSHA 10)

Dual Enrollment Welding Opportunities:

At TCAT Elizabethton: Students can earn 120 hours per semester towards their TCAT Diploma in Welding Technology (Total Clock Hours: 1296). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.

At Northeast State: Associate of Applied Science degree program in Industrial Technology—Concentration: Welding/Metal Fabrication. Individuals who complete the associate degree program are eligible to apply for the Eastman Co-op program. Students who pass the Dual Credit test at Northeast State will earn 3 credit hours towards this program.

C13H0360 & C13H1860 TCAT Dual Enrollment Welding 1 & 2

Prerequisite: Principles of Manufacturing, Welding 1

Successful completion of this course earns 120 hours in the Welding program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the welding/cutting industry.

C13H3860 & C13H3960 TCAT Dual Enrollment Welding 3 & 4

Prerequisite: Principles of Manufacturing, Welding 1, TCAT DE 1 & 2

Successful completion of this course earns another 120 hours (total of 240 hours) in the Welding program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the welding/cutting industry.

Industry Certification opportunities:

- AWS Certified Welder

Dual credit opportunity:

- *With a passing test score, student earns college credit at Northeast State (WELD 1060)*

C13H2661 & C13H2762 TCAT Dual Enrollment Pipefitting 1 & 2

Prerequisite: 2 semesters of welding

Principles of Pipefitting is an advanced welding class building on skills learned in Dual Enrollment Welding. Pipefitting covers layout, design, fabrication, and welding of piping assemblies found in construction and fabrication work environments such as powerhouses, oil refineries, water treatment plants, breweries, and food processing plants as well as fabrication shops.

Industry Certification opportunities:

· *AWS Certified Welder*

Dual credit opportunity:

· *With a passing test score, student earns college credit at Northeast State (WELD 1060)*

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Veterinary and Animal Science

C18H1920 Agriscience (Counts as Science Graduation Requirement)

Agriscience is an introductory lab science course that prepares students for biology and subsequent agriculture courses. This course helps students understand the important role of agriculture and technology in the 21st century. Students taking this course will gain an understanding of various areas important to the field of agriculture such as environmental systems, animal, plant, and soil science through a hands-on approach. This course leads to the Fisheries & Wildlife Science (Applied Env. Science) and Animal Science CTE courses and is the first course in that Program of Study.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) *Health Science*

C18H2530 Fisheries & Wildlife Science (Applied Env. Science)

Prerequisite: Agriscience

Applied Environmental Science focuses on the knowledge, information, and skills related to the fundamental science and management of wildlife and fisheries ecosystems as well as careers, leadership, and history of the industry. This course covers principles of environmental impacts, energy consumption, and ecosystem management. Students will get to experience Trout in the Classroom activities, stream side water quality testing, aquaponics, habitat studies, etc.

Industry Certification opportunity:

- *Ducks Unlimited; Ecology Conservation & Management*

C18H2021 Animal Science

Prerequisite: Agriscience

Small Animal Science is an intermediate course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. This course will focus on animal husbandry, animal handling, and grooming.

Industry Certification opportunity:

- *ELANCO Animal Science*

ARCHITECTURE AND CONSTRUCTION

Architectural Design

C17H1320 Architectural Design I

Architectural & Engineering Design I is a foundational course in the Architecture & Construction cluster for students interested in a variety of engineering and design professions. Upon completion of this course, proficient students will be able to create technical drawings of increasing complexity and utilize these skills to complete the design process and communicate project outcomes. Students will build foundational skills in freehand sketching, fundamental technical drawing, and related measurement and math. Standards in this course also include career exploration within the technical design industry, as well as an overview of the history and impact of architecture and engineering.

C17H1420 Architectural Design II

Prerequisite: Architectural Design I

Students in this course build their skills in developing and representing design ideas using technical drawing and modeling techniques and apply the design process to solve design problems. Upon completion of this course, proficient students will be able to use computer-aided drafting (CAD) software to create multi-view, sectional view, auxiliary view, and three-dimensional drawings using industry standard dimensioning and notation. Students will connect drawings with actual physical layouts by building models based on drawings, creating drawings based on objects and other physical layouts, and using software to create basic three-dimensional models.

C17H1020 Architectural Design III

Prerequisite: Architectural Design I, Architectural Design II

In this advanced course, students will apply technical drawing and design skills developed in the previous courses to specific architectural and mechanical design projects and contexts. In the process, students will expand their problem-solving and critical-thinking skills by assessing the requirements of a project alongside the available resources in order to accomplish realistic planning. Upon completion of this course, proficient students will be able to employ methods of data collection and analysis to provide others with appropriate information for projects and to develop

their own designs. Students will also be able to engage with industry-specific technology to create visual representations of project outcomes.

Plumbing Systems--Mechanical Electrical Plumbing (MEP) Systems

C17H1520 Fundamentals of Construction

This is a foundational course covering essential knowledge, skills, and concepts required for careers in construction. Students will learn how to use hand and power tools safely and effectively in construction, interpret construction drawings to complete projects, and demonstrate proper measurement and application of mathematical concepts. Includes an introduction to building systems and materials, an overview of the construction industry, exploring various construction fields, and an outline the steps necessary to advance in specific construction careers.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) Construction
- National Center for Construction Education and Research (NCCER) Core Curriculum

C17H2320 MEP Systems

Prerequisite: Fundamentals of Construction

Mechanical, Electrical, & Plumbing Systems prepares students for electrical, plumbing, and HVAC careers by introducing students to the physical principles of these systems and the fundamental skills needed to work with them. Upon completion of this course, proficient students will be able to follow safety procedures and use tools to perform basic operations with electrical circuits, as well as demonstrate understanding in fundamental concepts of electricity theory (i.e. Ohm's Law). Students will be able to apply proper tools and procedures to perform basic operations with plastic piping, including measuring, cutting, and joining pipe.

C17H1820 Plumbing Systems

Prerequisite: Fundamentals of Construction, MEP Systems

Plumbing Systems prepares students for careers in plumbing across a variety of residential and commercial settings. Upon completion of this course, proficient students will be able to implement safety procedures and tools to perform operations with plumbing systems. Students will be able to explain how drain, waste, and vent (DWV) systems, water distribution systems, and plumbing fixtures work and apply proper tools and procedures to perform operations with plumbing piping, including measuring, cutting, joining, supporting, and hanging various types of pipe. Students will read and interpret drawings, specifications, and diagrams to determine materials needed to complete a plumbing project. Standards in this course also introduce basic maintenance and troubleshooting procedures and expand on principles of the construction industry, delving deeper into business and project management.

Residential & Commercial Construction

C17H1520 Fundamentals of Construction

This is a foundational course covering essential knowledge, skills, and concepts required for careers in construction. Students will learn how to use hand and power tools safely and effectively in construction, interpret construction drawings to complete projects, and demonstrate proper measurement and application of mathematical concepts. Includes an introduction to building systems and materials, an overview of the construction industry, exploring various construction fields, and an outline the steps necessary to advance in specific construction careers.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) *General Industry*
- National Center for Construction Education and Research (NCCER) *Core Curriculum*

Dual Enrollment Construction Technology Opportunities:

At TCAT Kingsport: Students can earn 120 hours per semester (and 225 hours for NCCER Core Industry Certification) towards their TCAT Diploma in Building Construction Technology (Total Clock Hours: 2160). Students who excel in the program

will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.

C17H0160 & C17H3160 TCAT Dual Enrollment Construction 1 & 2

Prerequisite: Fundamentals of Construction

Successful completion of this course earns 120 hours in the Construction Technology program at TCAT Kingsport. TCAT Program Outcomes:

Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Construction industry. Intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Throughout this course, students will explore the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will complete projects in concrete and masonry, wood framing construction, and even install proper electrical wiring while safely employing tools and interpreting construction drawings to complete projects.

Industry Certification opportunity:

NCCER Construction Technology; NCCER Fall Protection Orientation; NCCER Structural Systems 1 & 2 (Carpentry 1)

C17H3360 & C17H3460 TCAT Dual Enrollment Construction 3 & 4

Prerequisite: Fundamentals of Construction, TCAT DE 1 & 2

Successful completion of this course earns 120 hours in the Building Construction program at TCAT Kingsport. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Construction industry. Throughout this course, students will develop knowledge and skill in the later phases of building construction including roofing systems, exterior finishing, stair framing systems, masonry systems, and plumbing systems. Students will have projects in concrete and masonry work; roofing; installing shingles on roofs; apply exterior finishes; and install proper piping for plumbing systems. Standards in this course also include an introduction to heating, ventilation, and air conditioning systems.

*Industry Certification opportunity:
· NCCER Structural Systems 1 & 2 (Carpentry 1)*

Earn the Northeast State HVAC Certificate before Graduation from THS (in 4 semesters)!

We are so excited to offer this new CTE Dual Enrollment opportunity for students to earn their HVAC Certificate by traveling to Northeast State to take these Dual Enrollment courses over 4 semesters (THS will provide transportation).

HVAC Systems (Dual Enrollment at Northeast State—transportation provided)

The Heating, Ventilation, and Air Conditioning (HVAC) certificate program prepares individuals for positions in the Heating, Ventilation, and Air Conditioning industry. Instruction is provided in the maintenance, troubleshooting, and installation of HVAC equipment. Instruction in electrical applications and industrial safety will also be provided.

HVAC Certificate program at Northeast State (30 Credit hours):

Taught at Northeast State (transportation provided) on MWF 1st & 2nd periods; Taught at THS on T/Th 1st & 2nd periods.

C17H0380/ C17H3080 Semester 1: ELEC 1010 - Introduction to Electricity Credits 4;
MECH 2410 - Refrigeration and Air Conditioning I, Credits: 4

C13H0180/C17H3980 Semester 2: ENST 1350 - Industrial Safety Credits: 3; MECH
2610 - Millwright Principles Credits: 4;

C17H3981/ C17H3982 Semester 3: MECH 1210 - Mechanical Transmissions Credits: 4;
MECH 2310 - Hydraulics and Pneumatics I Credits: 4

C17H4080/ C17H4081 Semester 4: MECH 2420 - Refrigeration and Air Conditioning II
Credits: 4; MECH 2430 - Refrigeration and Air Conditioning III
Credits: 3

ARTS, AUDIO/VISUAL TECHNOLOGY, AND COMMUNICATION

Digital Arts & Design

C11H0620 Digital Arts and Design I

Digital Arts & Design I is the entry level and foundational course for students interested in graphic art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Students will acquire basic skills in illustration, typography, and photography. Various printing and finishing processes are discussed and used in real-world applications.

Students will produce real-world jobs for the school system using equipment found in the professional printing industry. Graphic Design is taught using Adobe Creative Cloud; specifically Photoshop, InDesign and Illustrator. Students will create layouts for use in real world applications, along with personal projects.

C11H0520 Digital Arts and Design II

Prerequisite: Digital Arts and Design I

Throughout this course, students will learn advanced skills in printing and finishing design projects. Students will take a more active role in setup, planning, and final production in a workplace setting through our student-based enterprise. Students will also learn advanced skills in Adobe Creative Cloud by creating more in depth and complicated designs, including creating photographs, illustrations, and multipage layouts.

C11H1620 Digital Arts and Design III

Prerequisite: Digital Arts and Design I; Digital Arts and Design II

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, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes in a workplace setting through our student-based enterprise.

Industry Certification opportunity:

- *Adobe Certified Professional*

Upon completion, students have the following online dual enrollment opportunities:

- *East Tennessee State University (ENTC 1510): Student in University*
- *East Tennessee State University (DIGM180): Principles of Digital Animation*
- *East Tennessee State University (DIGM1500): Principles of Digital Game Design*
- *King University (DMAD 1500): Intro. to Web Presence & Social Media (Evening class one night/week)*
- *King University (PHOT 1010): Photographic Foundations (Evening class one night/week)*

BUSINESS MANAGEMENT AND ADMINISTRATION

Business Management (last year—transitioning to Marketing program of study)

C12H1720 Business Management

Prerequisite: Intro to Business and Marketing, Business Communications

You will learn how to open and run a business by creating your own detailed business plan. Students this semester are participating in a business plan competition to win \$1,000! You'll practice your leadership skills by teaching others, learn how to dress to impress, and learn money management skills. You'll practice things like how to shake hands without it being so awkward! Visit local businesses such as Pal's to discover their secrets to success. Find out what's legal and what's not in business. What in the world is embezzlement or insider trading? Can you go to jail for that? Come join us for debates and discussions about law, money,

business, crimes, and more! You will have the opportunity to earn a Northeast State credit for this class!

Upon completion, students have the following dual credit opportunities:

- CLEP Test: Principles of Management

EDUCATION AND TRAINING

Teaching as a Profession (K-12)

C32H3321 Introduction to Teaching as a Profession

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

C32H0121 Teaching as a Profession I

Prerequisite: Intro to Teaching as a Profession

Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study. Upon completion of this course, proficient students will have a fundamental understanding of instructional strategies needed for becoming an educator.

C32H0221 Teaching as a Profession II

Prerequisite: Intro to Teaching as a Profession, Teaching as a Profession I

Teaching as a Profession II (TAP II) is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work, which will carry with them throughout the program of study.

Upon completion, students have the following online dual enrollment opportunities:

- King University (EDUC 2900) Foundations of Education
- King University (EDUC 2030) Introduction to Teaching, K-Grade 12 (on King Campus)
- East TN State Univ. (EDFN 2400) Foundations Professions of Teaching
- East TN State Univ. (SPED 2300) Exceptional Learners

C32H03 Teaching as a Profession Practicum

Teaching as a Profession (TAP) Practicum is a capstone course in the Education and Training career cluster for students interested in applying the knowledge and skills learned in previous courses toward becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education and training fields.

GOVERNMENT AND PUBLIC ADMINISTRATION

Leadership in Government

The mission of Army Junior ROTC is “To Motivate Young People to be Better Citizens.” This mission focus, coupled with a fun and unique learning environment, offers students a wide variety of opportunities to succeed and to excel. A vast majority of students elect to re-enroll in JROTC each semester. Army Junior ROTC is not intended to recruit for

the armed forces. Enrolled cadets are required to wear the Army-provided uniform one day a week. Male cadets must maintain their hair in accordance with the minimum mandated requirements. Junior ROTC extracurricular activities are conducted after school and include such competitive teams as Drill, Color Guard, Rifle Marksmanship, Robotics, and Orienteering.

G08H0420 Leadership Education Training 1 (LET 1)—ROTC I

Student cadets will learn and demonstrate the leadership skills needed to lead other cadets in drill, physical training, squad and platoon competition, conflict resolution, teamwork, dealing with peer pressure, and interpersonal relationships. Students will be introduced to the Army's organization and structure, customs and courtesies, and missions. Students will apply leadership techniques based upon each cadet's own personal traits and leadership style. Numerous optional cadet extracurricular activities are available.

G08H0520 Leadership Education Training 2 (LET 2)

Prerequisite: LET 1

Student cadets will continue to apply their leadership skills as they advance in both rank and experience. Students will learn about first aid, map reading, drug awareness, decision-making skills, American history and government, human rights, and international relations. Numerous optional cadet extracurricular activities are avail

G08H0620 Leadership Education Training 3 (LET 3)

Prerequisite: LET 1, LET 2

Student cadets will continue to apply their leadership skills in a variety of settings. As a LET 3 cadet, a student may hold the rank of cadet officer. Cadets will learn about interpersonal relationships, conflict mediation, service learning, effective oral communication and writing skills, Army

cadet staff functions and assignments, career opportunities, educational opportunities, and making the right choices. Numerous optional cadet extracurricular activities are available.

G08H0720 Leadership Education Training 4 (LET 4)

Prerequisite: LET 1, LET 2, and LET 3

These mature and experienced cadets will continue to apply their leadership skills in a variety of settings. As a LET 4 cadet, a student may hold the rank of cadet officer or NCO. They will be viewed as the senior leaders of the JROTC program. They will assist the teachers in curriculum presentation and will be evaluated on their performance. Cadets will learn about the Department of Defense and the purpose of each military branch. They will exercise personal management skills, teamwork and team building skills, motivational strategies, mentoring, influencing others, and teaching skills. Numerous optional cadet extracurricular activities are available.

G08H0820 Leadership Education Training 5 (LET 5)

Prerequisite: LET 1, LET 2, LET 3, and LET 4

These mature and experienced cadets will continue to apply their leadership skills in a variety of settings. As LET 5 cadets, they will be viewed as the senior leaders of the JROTC program and will assist the teachers in curriculum presentation. The cadet will gain experience both as a classroom teacher and as a senior leader of Junior ROTC. Numerous optional cadet extracurricular activities are available.

G08H0920 Leadership Education Training 6 (LET 6)

Prerequisite: LET 1, LET 2, LET 3, LET 4, and LET 5

These mature and experienced cadets will continue to apply their leadership skills in a variety of settings. As LET 6 cadets, they will be viewed as the senior leaders of the JROTC program and will assist the teachers in curriculum presentation. The cadet will gain experience both as a classroom teacher and as a senior leader of Junior ROTC. Numerous optional cadet extracurricular activities are available.

HEALTH SCIENCE

Nursing Services

C14H1420 Health Science Education

Health Science Education is the initial foundational course for all of the Health Science programs of study and designed to prepare students to pursue careers in Health Care. Upon completion of this course, students will be able to identify careers in health care related 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.

C14H0920 Anatomy and Physiology

Prerequisite: Health Science Education

Anatomy and Physiology is the second foundational course for all of the Health Science programs of study and is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Throughout this course, students will apply the gross anatomy to a deeper understanding of all body systems, identify the organs and structures of the support and movement systems, relate the structure and function of the communication, control, and integration system, and ultimately demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) *Health Science*

C14H1520 Medical Therapeutics

Prerequisite: Health Science Education, Anatomy and Physiology

Throughout this course, students will be exposed to careers in various health care services, develop basic nursing skills to assess, monitor, evaluate, and report patient/client health status, and identify the purpose and components of potential treatments.

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State in Cardiopulmonary Resuscitation (EMPT 1015)*

Earn your Certified Nursing Assistant certification before Graduation from THS! (in one semester during 3rd and 4th periods)

We are so excited to offer this new CNA opportunity for students to earn their CNA Certification by taking these two classes in the Spring semester, Nursing Education and Clinical Internship, during a blocked 3rd and 4th periods. About 70% of CNA Clinical students get recruited for a job. Pay rates:

- 1. Nursing Assistant (in clinicals, but not passed test yet) -- \$11.50 / hour.*
- 2. CNA (passed test) -- \$13.50 / hour.*
- 3. CNA with Phlebotomy (adds 5% to pay rate). Must be 18 and already hired to do Phlebotomy add on Certification which only takes one day to get.*

C14H1620 Nursing Education

Prerequisites: Health Science Education, Anatomy and Physiology, and Medical Therapeutics.

Students enrolled in this course will pursue the CNA certification through a partnership with Ballard Health. The first part of the course will be an online class, then students will complete clinicals at an assigned clinical setting. At the conclusion of the course, students who have met all the cognitive and clinical requirements per the State of Tennessee and Ballard Health will be eligible to test to become a Certified Nursing Assistant.

***Enrollment process prior to the class starting takes about 2 months (start in August). Consists of:*

- 1. Students must be at least 17 years old and within 6 months of graduation when course start in January next year.*
- 2. Background Check with Parent Signature: This is free through Ballard and takes about 2-3 weeks to get back. The background check is only good for 6 months.*
- 3. Physical with Parent Signature: Free through Ballard and parent must accompany student if under 18.*

Clinicals consist of the following:

- 22 hours of skills lab practice (at Ballard which can be arranged in field trips)*
- 40 hours of clinical time (at approved sites which can be arranged in field trips)—2 days (16 hours) has to be at Wexford House in Kingsport and the rest (24 hours) at Hospital.*

CNA Test (at Market Street Ballard site in Johnson City—field trip)

*Industry Certification opportunity:
Certified Nursing Assistant (CNA)*

C14H1120 Health Science Clinical Internship

Prerequisite: Health Science Education; Anatomy and Physiology; and a third level Health Science course. (Medical Therapeutics, Rehabilitative Careers, or Pharmacological Science).

**** Like other Work-Based Learning courses, students must complete the WBL Intent to Participate form and meet ALL participation requirements detailed in the appendix in addition to requirements below. Space is limited and not guaranteed. ****

Clinical Internship is a work-based learning experience designed to provide students with real-world application of skills and knowledge obtained in pre-requisite Health Science courses in a health care facility. Prior to beginning work at a clinical site, students must obtain malpractice insurance, receive required vaccinations, have a full physical and background check, be certified in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR), and deemed competent in basic first aid, Standard Precaution guidelines, and confidentiality.

Sport and Human Performance

C14H1420 Health Science Education (Description above)

C14H0920 Anatomy and Physiology (Description above)

C14H1520 Rehabilitative Careers

Prerequisite: Health Science Education; Anatomy and Physiology

Rehabilitation Careers is an applied course designed to prepare students to pursue careers in rehabilitative services. Upon completion of this course, a proficient student will be able to identify careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and correlate the related anatomy and physiology then develop a plan of treatment with appropriate modalities.

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State in Cardiopulmonary Resuscitation (EMPT 1015)*

Therapeutic Services

C14H1420 Health Science Education (Description above)

C14H0920 Anatomy and Physiology (Description above)

C14H1520 Medical Therapeutics (Description above)

Earn your Certified Pharmacy Technician certification before Graduation from THS! (in one semester during 3rd and 4th periods)

We are so excited to offer this new Pharmacy Tech opportunity for students to earn their CPhT Certification by taking these two classes in the Fall semester, Pharmacological Science and Clinical Internship, during a blocked 3rd and 4th periods.

C14H2020 Pharmacological Science

Prerequisite: Health Science Education and must be Junior or Senior.

Pharmacological Sciences is the final course in the Therapeutic Services program of study. This course is an applied course intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication and information-processing skills to be successful in a pharmacological setting, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more.

Industry Certification opportunity:

- *Certified Pharmacy Technician (CPhT)*

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State in Cardiopulmonary Resuscitation (EMPT 1015)*

C14H1120 Health Science Clinical Internship

**** Like other Work-Based Learning courses, students must complete the WBL Intent to Participate form and meet ALL participation requirements detailed in the appendix in addition to requirements below. Space is limited and not guaranteed.****

Clinical Internship is a work-based learning experience designed to provide students with real-world application of skills and knowledge obtained in pre-requisite Health Science courses in a health care facility. Prior to beginning work at a clinical site, students must obtain malpractice insurance, receive required vaccinations, have a full physical and background check, be certified in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR), and deemed competent in basic first aid, Standard Precaution guidelines, and confidentiality.

Upon completion, students have the following online dual enrollment opportunities:

- *East Tennessee State University (PREH1350) Health Profession Exploration Seminar*
- *East Tennessee State University (COBH2750): Medical Terminology (GPA of 3.2, 19 on all ACT subscores, and composite)*
- *Northeast State (HRPR 1000): Intro. to Health Related Professions King University (HCAD 1700): Introduction to Healthcare*
- *King University (HCAD 2100): Medical Terminology*

HOSPITALITY AND TOURISM

Culinary Arts

C16H0620 Culinary Arts I

This course equips students with the foundational knowledge and skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Throughout this course, students will gain knowledge in the components of commercial kitchen safety and sanitation, proper kitchen tools and equipment and will develop skills in basic cooking principles to prepare a wide variety of foods. Students will develop skills commercial food production and service operations by using commercial equipment, techniques, and standards in a restaurant setting.

Industry Certification opportunity:

- *Occupational Safety and Health Administration (OSHA 10) Culinary*

C16H0720 Culinary Arts II

Prerequisite: Culinary Arts I

Culinary Arts II is the second course in the Culinary Arts program of study and is an applied-knowledge course that will introduce students to more complex techniques in cooking. Students will develop skills in event preparation, food presentation, table service, basic management skills such as purchasing and inventory, and menu design, layout, pricing, and cost controls. Students will gain experience in commercial food production and service operations as they will be largely responsible for preparing buffets (to feed as many as 150 people) for the faculty, staff, and various community groups.

Industry Certification opportunity:

- ServeSafe Food Manager

C16H0820 Culinary Arts III

Prerequisite: Culinary Arts I; Culinary Arts II

Culinary Arts III is an advanced course intended to further equip students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Throughout this course, students will use content from earlier courses to learn the aspects of plated foods, garde manger, center piece design, appetizer and individual dessert creation, and garnish techniques. Students will use complex and refined cooking principles and develop skills to prepare foods for larger events (to feed as many as 500 people).

Industry Certification opportunity:

- ServeSafe Food Manager

C16H0920 Culinary Arts IV

Prerequisite: Culinary Arts I; Culinary Arts II; Culinary Arts III

Culinary Arts IV is the final course in the Culinary Arts program of study and is intended to prepare students on a more individualized platform based on restaurant case studies, simulations, and student interests. Students will continue to use complex and refined cooking principles to prepare food for larger events and as they explore additional opportunities

in niche food preparation techniques such as pastry, bakeshop, mobile food service, and ornate or detailed food presentation.

Industry Certification opportunity:

- ServeSafe Food Manager

HUMAN SERVICES

Cosmetology

C19H1220 Cosmetology I

During this course, students will learn safety procedures in salon environments, fundamental theory and practical applications of hair design, nail structure, and cosmetic procedures. This foundational course emphasizes careers in the cosmetology field, environmental issues related to the cosmetology industry, and protection of the public and designers.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) *Cosmetology*

Dual Enrollment Cosmetology Opportunities:

At TCAT Elizabethton: Students can earn 120 hours per semester towards their TCAT Diploma in Cosmetology (Total Clock Hours: 1,500). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.

The Cosmetology program is taught by a THS teacher with Tennessee College of Applied Technology hours earned towards the 1500 hour Cosmetologist Certificate. This program is designed to help the student master all the skills necessary for passing the State Board Examination, selecting the phase or phases of Cosmetology in which to specialize, and entering employment. The program also provides for the upgrading and updating of employed workers. Classroom instruction and practical learning experiences are interwoven into a variety of beauty treatments, including the care and beautification of the hair, complexion, and hands. The course of study includes hands-on and classroom instruction in giving shampoos, rinses, scalp treatments, hair styling, setting, cutting, tinting, decolorizing, chemical texturing services, special effects

haircoloring, facials, manicures, hand and arm massages, bacteriology, anatomy, hygiene, sanitation, and salon management. Safety and customer relations are also emphasized throughout the program.

- *Tennessee College of Applied Technology (TCAT) Elizabethton: Students can earn hours 1500 hrs) to complete the requirements needed to be eligible to take the Tennessee State Board of Cosmetology examination for a Tennessee Cosmetology License.*

C19H0460 & C19H2360 TCAT Dual Enrollment Cosmetology 1 & 2

Prerequisite: Cosmetology 1

Successful completion of this course earns 120 hours in the Cosmetology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Cosmetology industry.

C19H2760 & C19H2860 TCAT Dual Enrollment Cosmetology 3 & 4

Prerequisite: Cosmetology 1, TCAT DE 1 & 2

Successful completion of this course earns another 120 hours (total of 240 hours) in the Cosmetology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Cosmetology industry.

C19H2861 and C19H2862 TCAT Dual Enrollment Cosmetology 5 & 6

Prerequisite: Cosmetology 1, TCAT DE 1 & 2, TCAT DE 3 & 4

Successful completion of this course earns another 120 hours (total of 360 hours) in the Cosmetology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Cosmetology industry.

INFORMATION TECHNOLOGY

Coding

C10H1121 Computer Science Foundations

Computer Science Foundations is the introductory course for all Computer Science programs of study. This course is intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Cyber Security and Web Design. Course contents include: computer operating systems, computer hardware, a basic computer build, computer troubleshooting, computer programming, drone programming, video game development, network security, and working at the THS Student Helpdesk.

Industry Certification opportunity:

- *CompTIA IT Fundamentals*

C10H1421 Coding I

Prerequisite: Algebra 1, Computer Science Foundations

This is a beginning programming course. Students in this course learn the Python programming language and utilize it to develop several projects including animation and a ringtone. In this course, you will learn problem-solving strategies, and software design through hands on programming lessons.

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State in Introduction to Programming and Logic (CITC 1301)*

G02H4421 AP Computer Science Principles

Prerequisite: Computer Science Foundations, At least B in Coding I

Learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. Students work on their own and as part of a team to creatively address real-world issues using the tools and processes of computation. The AP Computer Science Principles

assessment has two parts: two performance tasks—which you’ll complete over the course of the semester and submit online for scoring through the AP Digital Portfolio—and the end-of-course AP Exam. All measure your proficiency in and grasp of the course practices and content, and all contribute to your final AP score on a scale of 1–5.

Upon completion, students have the following AP credit opportunities:

- *With a qualifying AP test score, student earns college credit in a first-semester introductory college course in computing.*

Upon completion, students have the following online dual enrollment opportunities:

- *East Tennessee State University (CSCI 1250): Introduction to Computer Science*
- *King University (ITEC 2000): Computer Concepts*
- *King University (ITEC 2020): Introduction to Programming*
- *King University (TCOM 2420): Professional Writing for Information Technology*
- *Tusculum University: Computer as a Tool*

Cybersecurity

C10H1121 Computer Science Foundations (Description above)

C10H1921 Cybersecurity I

Prerequisite: Computer Science Foundations

Cybersecurity I introduce cyber law, networking, Linux, and cyber security tools through various activities including hands-on labs in our cyber training range. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity concepts, identify fundamental principles of networking, and network security, and be able to demonstrate how to implement various aspects of security within a computer network.

C10H2021 Cybersecurity II

Prerequisite: Computer Science Foundations, Cybersecurity 1

Cybersecurity II challenges students to develop advanced skills in cybersecurity including malware, vulnerabilities, and cryptography. Students will learn through a variety of hands-on labs in our cyber training range.

G02H4421 AP Computer Science Principles (Description above)

Web Design

C10H1121 Computer Science Foundations (Description above)

C10H1621 Web Design Foundations (counts as Fine Art Graduation Req.)

Prerequisite: Computer Science Foundations

Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development.

G02H4421 AP Computer Science Principles (Description above)

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

Criminal Justice and Correction Services

C30H0020 Criminal Justice I

This course serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Students will gain an understanding of the context of local, state, and federal laws through the analysis of both famous and lesser known legal cases, develop investigative skills pertaining to basic crime scenes and incident documentation such as fingerprinting and blood splatter analysis. This course emphasizes the importance of communications and professionalism in law enforcement and exposes students to new and emerging technology used in law enforcement and legal fields.

C30H0120 Criminal Justice II

Prerequisite: Criminal Justice I.

An applied course focusing on the integration of the law and justice systems and is designed for students interested in pursuing careers in law enforcement, correction, or security services. From initial crisis scenario management to arrest, transport, trial, and corrections, procedures and justice laws are examined in detail and students will develop more basic skills in crime scene analysis and forensic science. This course also provides for students to study and debate current legal issues in the United States and argue points in a simulated trial.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) *Public Safety*

C30H1280 & C30H1320 Dual Enroll NE Intro to Criminal Justice (CRMJ 1010) 3 credit hours and Dual Enroll. Intro. to Legal Process (CRMJ 1020) 3 credit hours—THS Teacher, Adjunct for Northeast State

Prerequisite: Criminal Justice I; Criminal Justice II, (ACT Eng. 18, Reading 19)

Introduction to Criminal Justice provides an introduction to the field of criminal justice and focuses on concepts of law and crime. This course explores the nature and extent of crime and offers an overview of the criminal justice system and inter-related agencies (3 credit hours at Northeast State Community College).

Introduction to the Legal Process examines the concepts and procedures of the American law enforcement process to include such procedures as arrest, search and seizure, investigative detentions, motor vehicle stops, Miranda warnings, identification procedures, and law enforcement liability. (3 credit hours at Northeast State Community College).

Upon completion, students have the following online dual enrollment opportunities:

- *Tusculum University: Introduction to Criminal Justice*
- *East Tennessee State University: Intro. to Criminal Justice*
- *East Tennessee State University: Crime Scene Investigation*
- *Northeast State (CRMJ 1325): Issues and Ethics-Criminal Justice* (ACT Eng.18, Read 19)
- *Northeast State (CRMJ 2020): Introduction to Corrections* (ACT Eng. 18, Read 19)
- *King University (CRJU 1500): Introduction to Criminal Justice*
- *King University (CRJU 2610): Criminal Procedure*

Marketing, Distribution & Logistics

Marketing Management

C12H2621 Introduction to Marketing and Entrepreneurship

The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, entrepreneurship, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Through guest speakers, projects, and hands-on activities, students learn how to start a business and create their first business plan. If you are thinking about owning your own business or majoring in business, marketing, or finance in college, this is the class for you!

C31H0020 Marketing and Entrepreneurship

Prerequisite: Introduction to Marketing and Entrepreneurship

Marketing and Entrepreneurship focuses 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. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

*Industry Certification opportunity:
CLEP Test: Principles of Marketing*

C31H0220 Social Media Marketing and Analytics

Prerequisite: Introduction to Marketing and Entrepreneurship, Marketing and Entrepreneurship

Social Media Marketing & Analytics is a study of concepts and principles used in social media marketing. Students will examine the uses, marketing strategies and data generated by social media marketing. Subject matter includes foundational social media knowledge, social media marketing strategies, communication, and ethical responsibilities.

*Industry Certification opportunity:
Hootsuite Social Marketing Certification*

Science, Technology, Engineering, and Mathematics (STEM)

Engineering

C21H0420 Principles of Engineering and Technology

This course covers basic skills required for engineering and technology fields of study.

Upon completion of this course, proficient students are able to identify and explain 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.

C21H0520 Engineering Design I

Prerequisite: Principles of Engineering and Technology

This 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. Students are expected to use engineering notebooks to document procedures, design ideas, and other notes for all projects throughout the course.

C21H0620 Engineering Design II

Prerequisite: Principles of Engineering and Technology; Engineering I
Engineering II is an applied course in the STEM career cluster for students interested in further developing their skills as future engineers. This course covers 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. ***Note: students are expected to use engineering notebooks to document procedures, design ideas, and other notes for all projects throughout the course.

Industry Certification opportunity:

- *Dremel 3D Printing*

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

Automotive Maintenance and Light Repair

C20H0920 Maintenance and Light Repair I (MLR I)

This course serves as a foundation of safety skills and knowledge on becoming a professional service technician. Students explore career

opportunities and requirements of a professional service technician and emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

Dual Enrollment Automotive Service Technology Opportunities:

At TCAT Elizabethton: Students can earn 90 hours per semester towards their TCAT Diploma in Automotive Service Technology (Total Clock Hours: 1296). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.

C13H0361 & C13H1862 TCAT Dual Enrollment Automotive. 1 & 2

Prerequisite: Maintenance and Light Repair I (MLR I)

Successful completion of this course earns 90 hours in the Automotive Service Technology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Automotive Service Technology industry.

C13H2660 and C13H2760 TCAT Dual Enrollment Automotive 3 & 4

Prerequisite: Maintenance and Light Repair I (MLR I), TCAT DE 1 & 2

Successful completion of this course earns 90 hours in the Automotive Service Technology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Automotive Service Technology industry.

Industry Certification opportunities:

NC3 Multimeter, NC3 Hand Tool

Automotive Collision Repair

C20H0288 Dual Enrollment: Paint and Refinishing NESTate (AUBR 1420)

Juniors and Seniors will have the opportunity to enroll in this dual enrollment course with a Northeast State instructor on site at Tennessee High School.

Paint and Refinishing (AUBR 1420) provides students the opportunity to advance fundamental skills. Lab assignments include the proper surface preparation of a vehicle's front clip. Operations such as proper spraying techniques for the application of metallic colors, spot repairs, color blending, single stage, base-coat clear-coat systems, tri-coat finishes, and specialty products will be covered. Basic custom paint, detailing, and advanced color mixing and matching will also be covered. 4 credits.

C20H2388 Dual Enrollment: Special Topics in Automotive Service Tech.

NEState (AUTO 2990) Juniors and Seniors will have the opportunity to enroll in this dual enrollment course with a Northeast State instructor on site at Tennessee High School.

Special Topics in Automotive Service Technology will involve individual or group projects that emphasize the importance of diagnostic ability and problem-solving. In some instances, special training will be available from an auto dealership, an independent auto repair shop or an auto parts supply store. The course may also involve the study of a relevant concern in the Automotive Service Technology business. 1 credit. (This course will be incorporated into the Non-Structural Repair Course).

C20H2488 Dual Enrollment: Non-Structural Repair NEState (AUBR 1330)

Juniors and Seniors will have the opportunity to enroll in this dual enrollment course with a Northeast State instructor on site at Tennessee High School.

Non-Structural Repair is an entry-level, self-paced course that will focus on preparing students for a career in the automotive collision repair industry. Through the use of training modules, students will learn industry standard repair procedures, damage assessment, and proper tool selection to aid in the repair of collision damaged automobiles. Additionally, students will be provided with hands-on training for body panel repair and alignment, plastic welding, and MIG welding. The student will be introduced to the automotive finishing process. 4 credits.

Work-Based Learning

The Work-Based Learning (WBL) program at Tennessee High School is designed for students in a CTE program of study. This program allows students to earn credit for experiences in a workplace setting. WBL is an option for all CTE programs of study. Health Science WBL is conducted through the Health Science Clinical Internship.

**** Student must complete the WBL Intent to Participate form with participation requirements detailed in the appendix.**

C20H1720 Work-Based Learning

Work-Based Learning for high school credit is a course and option for students in all CTE programs of study. This course provides students with the opportunity to apply knowledge and skills learned in general education and CTE coursework in a professional workplace setting. Students can earn a maximum of two WBL credits per year toward high school graduation.

WBL experiences and placements may take one of two forms:

1. Workplace-Based: Students participate in individual work-based learning experiences in professional business or industry settings in the Bristol community. These experiences could include apprenticeships, internships, or with the student as a paid employee.

2. School-Based: Students participate in a school-based experiences on a Bristol Tennessee City School campus. Students learn through targeted project-based learning, school-based enterprises, and could include experiences such as the IT Internship.

Both models incorporate a portfolio-based assessment where students collect examples of how their experiences in WBL achieve learning standards at a professional-level expectation. Upon completion of the course, students will be prepared for postsecondary and career opportunities aligned with their interests and demonstrate professional-quality employability skills relevant to their chosen career paths.

AP Access for All Courses

Advanced Placement Access for ALL is a partnership between the Tennessee Department of Education and Niswonger Foundation to offer free virtual Advanced Placement courses to students across the state of Tennessee. The program is open to all Tennessee High School students. Current AP offerings include:

- AP Art History
- AP Calculus AB
- AP Calculus BC
- AP Environmental Science
- AP Macroeconomics
- AP Microeconomics
- AP Statistics
- AP US Government and Politics
- AP Computer Science Principles
- AP Art and Design 2d
- AP Art and Design 3d
- AP Art Design and Drawing

Interested students should contact Dr. Douthat.

DUAL ENROLLMENT COURSES OFFERED AT TENNESSEE HIGH SCHOOL

TENNESSEE DUAL ENROLLMENT GRANT (DEG)

Dual Enrollment Grant Funding Requirements:

1. A student qualifies to receive the Dual Enrollment Grant by meeting the admission requirements of the institution the student plans to attend and by applying for the grant as a resident of this state as a high school junior or senior or after completing the 8th grade requirements if enrolled at a Tennessee College of Applied Technology.
2. Students may enroll at two-year or four-year eligible postsecondary institution and continue receiving the Dual Enrollment Grant for up to ten (10) lifetime courses by maintaining all eligibility requirements and achieving a minimum cumulative 2.0 GPA for all postsecondary semester courses attempted as a recipient of the grant.
3. Students enrolled in a TN College of Applied Technology clock hour program may continue receiving the Dual Enrollment Grant by maintaining all eligibility requirements and achieving a minimum cumulative 2.0 GPA for up to 1296 clock hours.
4. For students enrolled at a TN College of Applied Technology, the award amount for a dual enrollment course is the average tuition estimated annually by the TN Board of Regents for regular in-state tuition, plus an additional dual enrollment access fee of five (5%) of the average tuition.
5. For students enrolled at 2-year and 4-year eligible postsecondary institutions, the per credit hour award amounts for the first five (5) dual enrollment semester hour courses is the average tuition estimated annually by the Tennessee Board of Regents at community colleges, plus an additional dual enrollment access fee of five (5%) of the average tuition.

A. For a student's sixth (6th) through tenth (10th) dual enrollment semester hour courses, TSAC will determine the annual award per semester credit hour

To be eligible, the student must:

1. Have completed all the academic requirements of the 10th grade (high school sophomore) and be classified as an 11th grader (high school junior) or 12th grader (high school senior) by the student's high school; or have completed the 8th grade requirements and is enrolled in a TN College of Applied Technology.
2. Complete and submit the Dual Enrollment Grant application on-line by the deadline date as indicated below;
3. Meet admissions criteria for dual enrollment for the postsecondary institution to which the student will enroll as a dual enrolled student;
4. Enrollment at the postsecondary institution requires no minimum number of semester hours, no minimum high school GPA requirement, and no minimum ACT/SAT requirement.
5. Not have already received a high school diploma, revised General Education Development (GED) diploma or HiSET;

6. Be attending an eligible postsecondary institution.

In order to qualify for the grant each semester you must complete an online application. Once you enter the site enter your SSN, name and DOB to continue. Select Dual Enrollment and the semester for which you are applying once you are in the system. The link is provided below: <https://www.tn.gov/content/tn/collegepays/tsac-student-portal.html>.

Northeast State Dual Enrollment

o The University Parallel Dual Enrollment (UPDE) Program allows students to earn transferable college credit. UPDE students are afforded the same academic and support services all other Northeast State students.

o Advantages:

§ Dual enrollment students can simultaneously earn college and high school credit.

§ Dual enrollment students are intellectually and academically challenges, enhancing leadership and social development.

§ Dual enrollment students are eligible to use all available academic and student support services.

o Students requesting to enroll in more than 12 semester credit hours in a given semester must have prior approval from the Assistant Vice President of Multi-Campus Programs.

Program Entrance Requirements

Northeast State Program Requirements

Academic Courses

- Students must be enrolled in high school and have a 3.60 cumulative, unweighted GPA to enroll in most coursework.
- Students who do not meet this pre-requisite must have an 18-ACT English and 19-ACT Reading for most general education courses and a 19-ACT Math for most math and science courses.
- Students must submit a Northeast State application for admission and provide a high school transcript, ACT or SAT scores, and proof of residency.
- Students who have taken the SAT must score a 490 in Writing and 500 in Reading and Math. Students who have not taken the ACT or SAT must

successfully pass the ACCUPLACER placement test, which is an untimed placement test given at Northeast State. For specific course pre-requisite information, please visit our [Academic Catalog](#).

- Courses must be chosen by the student in consultation with the high school counselor or principal and the University Parallel Dual Enrollment administrators.
- Students requesting to enroll in more than 12 semester credit hours in a given semester must have prior approval from the Assistant Vice President of Multi-Campus Programs.

CTE Courses

- Students must be currently enrolled in high school.
- Students must submit a Northeast State application for admission and provide a high school transcript and ACT or SAT scores if applicable. ***Please note: ACT or SAT scores are not required for all CTE dual enrollment courses.***
- Courses must be chosen by the student in consultation with the high school counselor or principal (unless home-schooled) and the Coordinator of Early Postsecondary Opportunities.
- Students in this program will complete all Northeast State admission requirements and program entrance requirements (with the exception of the high school diploma) as outlined below and prior to enrolling in college classes. ^[SEP] Please follow the instructions and complete the forms listed below.

Northeast State University

Complete the Online Instructions for the Dual Enrollment Grant Application (On-Line Application: <http://www.northeaststate.edu/Campuses-and-Distance-Education/High-School-Programs/University-Parallel-Dual-Enrollment-Program/>) There is a fee involved with this course. Some students may qualify for the Dual Enrollment Grant. Payment for dual enrollment will be worked out between Northeast State and the student/parent. If a student fails to maintain a grade of "C" in a Dual Enrollment course, he/she will be required to withdraw from the program. Most institutions receiving transfer credit require that the student earn at least a "C" average on college-level work to be transferred. Although Northeast State students have successfully transferred to numerous colleges and universities, it is the responsibility of students who are not planning to attend Northeast State after high school, to contact the colleges of their choice to ensure transferability of coursework. All grades earned will become a permanent part of the student's academic record at Northeast State. A transcript will not be released by the college until the student has graduated from high school.

Northeast State Dual Enrollment Possible Costs Prices subject to change

Classes at Tennessee High (two classes per semester): \$1,000

Payments for dual enrollment will be worked out between Northeast State and the

student/parents.

****** The tuition for rising juniors could be covered through the Dual Enrollment Grants; students will still be responsible for books.

Courses available

Northeast State Community College

Fall

NE State ENGL 1010 and 1020

NE State Math 1530 and SOCI 1010

Spring

NE State ENGL 1010 and 1020

NE State Math 1530 and SOCI 101

King University

To enroll in a King University course, students must:

1. Complete a dual enrollment application. Applications are available online or by obtaining a copy from your school counselor.
2. If a student would like to take courses at King University, a discussion **must** be had with your school counselor prior to submitting an application.
3. Provide a transcript and ACT/AP scores
4. Complete the online Tennessee Dual Enrollment Grant Application. If you have utilized the Dual Enrollment Grant, or exhausted your grant funds, Dual Enrollment courses at King University cost \$440 out of pocket plus the cost of a textbook if required (tuition amount based on 2020 - 2021 tuition rates at King University - this cost is subject to change for the 2021 - 2022 academic year)

Application Required. The student may access the PDF by following the link below.
<https://www.king.edu/wp-content/uploads/2019/12/dual-enrollment-application.pdf>

King University offers many options for students to take courses in a variety of academic topics including, but not limited to the following: English, History, Math & Humanities.

King University also offers many options for students to take courses to enhance their CTE Program of Study.

Payments for dual enrollment will be worked out between King University and the student/parents.

*The availability of the courses at King University are contingent on overall enrollment at King University and may only be offered in an online or in-person format. King

University is at liberty to cancel a course depending on the overall enrollment on short notice. If a student is planning to attend a course on King University's campus in-person, the course time must match up to the schedule at Tennessee High School and must not interfere with multiple periods.

East Tennessee State University

To enroll in a ETSU dual enrollment course, students must:

1. Complete a dual enrollment application. Applications are available by obtaining a copy from your school counselor.
2. If a student would like to take courses at ETSU, a discussion **must** be had with your school counselor prior to submitting an application.
3. Provide a transcript and ACT/AP scores
4. Complete the online Tennessee Dual Enrollment Grant Application. If you have utilized the Dual Enrollment Grant, or exhausted your grant funds, there might be additional tuition expenses that you must pay for out of pocket.

ETSU offers many options for students to take courses in a variety of academic topics including, but not limited to the following: English, History, Math & Humanities.

ETSU also offers many options for students to take courses to enhance their CTE Program of Study.

Payments for dual enrollment will be worked out between ETSU and the student/parents.

*The availability of the courses at ETSU are contingent on overall enrollment at the university and may only be offered in an online or in-person format. ETSU is at liberty to cancel a course depending on the overall enrollment on short notice. All courses taken at ETSU must be taken online. Unless the student will be taking classes independently on their own time.

Tusculum University Dual Enrollment

Tusculum University offers dual enrollment courses taught by Tusculum professors. Courses will be solely online taught by Tusculum professors. Some Tusculum courses may require live instruction meetings, but most will allow students to work at their own pace (course format is subjected to change)

1. Complete a Tusculum University admissions application. Be sure to indicate which entry term you are interested in. For entry status, you will choose Dual Enrollment.
2. Complete the dual enrollment application. This tells us what courses are wanted so we can staff them.
3. Complete the Promise to Pay form

4. Complete the TN Dual enrollment grant for the correct entry term. This has a deadline each term. If it is not completed before this deadline, another payment method will be required.
5. Your school counselor will submit your transcript and ACT scores to Tusculum
6. Respond to the confirmation email you receive in order to officially enroll in your selected courses and to receive login credentials.

Tusculum University Dual Enrollment Cost

How much does each course cost?

\$500 per course plus any textbook cost

How much does the Dual Enrollment Grant cover?

Course 1: \$500

Course 2: \$500

Course 3: \$200**

Course 4: \$0**

****The remaining balance of the courses will be paid for by TAG (Tusculum Access Grant) for eligible students. TAG is an institutional grant that covers the difference between what the state Dual Enrollment Grant covers and the actual tuition charges. The requirements for TAG are as follows:**

1. Maintain Dual Enrollment Grant Eligibility
2. Have not taken Dual Enrollment courses at any other institution other than Tusculum University

Courses at Tusculum University (subject to change based on semesters and availability)

Viking U Associate's Degree Programs for Rising Juniors

We are SO excited to partner with Northeast State to offer a path to an associate's degree program for rising juniors (current 10th graders). Students who successfully complete the program will concurrently earn their high school diploma and an associate's degree!

Additional Requirements for Participating:

1. Students must be a junior for the upcoming school year.

2. Students must have a 3.0 GPA.
3. Students will need to take the ACT prior to taking certain courses. Students will need to earn an ACT score of 18 in English, 19 in Reading, and 19 in Math. **Placement assessment may be available.
4. Students must complete the admissions applications for either institution. The student's school counselor and the institution will guide them through this progress.

Students who meet the Tennessee Student Assistance Corporation's criteria could be eligible to receive either the Dual Enrollment Grant, Middle College Scholarship(Northeast State), or TAG (Tusculum University) to assist with program costs. Parents will be responsible for the remaining cost of tuition in addition to textbook fees. Other financial aid may be available, but this is not guaranteed. Eligible students who are interested but need financial assistance should contact their school counselor.

NORTHEAST STATE COMMUNITY COLLEGE-BEAR TRACK

The "Bear Track"-offered through **Northeast State Community College**. Courses will mostly be taught by Northeast State professors on the TN High School Campus, but students may have to travel to the Blountville campus or take online courses (course format is subjected to change). See estimated costs below. Textbook costs not included; this could be about \$250-\$750 per semester depending on the courses taken.

NORTHEAST STATE COMMUNITY COLLEGE MIDDLE COLLEGE COST

Semester 1: Student has been a Tennessee resident for the previous 12 months, has a 3.0 unweighted high school GPA, and is enrolled in 15 credit hours. Total cost of 15 hours: \$2,091.00 Middle College Scholarship: <u>-\$1,000.00</u> Balance Due: \$1,091.00*	Semester 2: Student has a 3.0 college GPA and is enrolled in 15 credit hours. Total cost of 15 hours: \$2,091.00 Middle College Scholarship: <u>-\$1,000.00</u> Balance Due: \$1,091.00*
Semester 3: Student has a 3.0 college GPA and is enrolled in 16 credit hours. Total cost of 16 hours: \$2,124.00 Middle College Scholarship: <u>-\$1,000.00</u> Balance Due: \$1,124.00*	Semester 4: Student has a 3.0 college GPA and is enrolled in 16 credit hours. Total cost of 16 hours: \$2,124.00 Middle College Scholarship: <u>-\$1,000.00</u> Balance Due: \$1,124.00*

General – TBR Transfer (A.S. Degree)

Semester 1 (Fall)

EDUC	1030	College and Lifelong Learning
ENGL	1010	English Composition I
ENGL	1020	English Composition II
ANTH	1230	Introduction to Cultural Anthropology – (Online or Blountville campus)**
COMM	2025	Fundamentals of Communication

Semester 2 (Spring)

ECON	2100	Principles of Macroeconomics – (Online or Blountville campus)**
THEA	1030	Introduction to Theatre – (Online or Blountville campus)**
HIST	2020	Modern United States History or HIST 2320 Modern World History (Online or Blountville campus)*
POLS	1030	American Government – (Online or Blountville campus)**
PSYC	1030	Introduction to Psychology

Semester 3 (Fall)

BIOL	1110	General Biology I***
ECON	2200	Principles of Microeconomics – (Online or Blountville campus)*
ENGL	2120	Modern American Literature
HIST	2010	Early United States History or HIST 2310 Early World History (Online or Blountville campus)*
MUS	1030	Introduction to Music

Semester 4 (Spring)

BIOL	1120	General Biology II***
PHIL	1030	Introduction to Philosophy
MATH	1530	Introductory Statistics
SOCI	1010	Introduction to Sociology
ART	2000	Art History Survey I

*Courses not designated with an * (asterisk) are to be offered on the Tennessee High School campus as long as enrollment is at 12 or more; otherwise, the students can take the courses on the College's Blountville campus or online.*

**University of Tennessee-bound students will take HIST 2320 Modern World History and HIST 2310 Early World History Online or at the Blountville campus.*

***Students may take the course on the College's Blountville campus or online; it will NOT be offered on the Tennessee High School Campus.*

****The courses will be offered on the Tennessee High School campus as long as enrollment is at 12 or more and the science labs accommodate required learning outcomes.*

Note: Northeast State will accept Advanced Placement credit for Human Geography and Psychology if the student scores a minimum of 3 on the Advanced Placement exams. Human Geography will take the place of one social science requirement. Psychology will take the place of PSYC 1030 Introduction to Psychology.

Northeast State Dual Enrollment Course Descriptions

ENGL 1010 - ♦English Composition I*

English Composition I introduces expository writing with particular emphasis on critical thinking and argumentation. Successful students master the entire writing process, including research techniques for the production of a formally documented paper.

Credits: 3

Lecture Hours: 3

Prerequisites: ACT English sub-score of 18 or higher and ACT Reading sub-score of 19 or higher, or appropriate college assessment score

ENGL 1020 - ♦English Composition II

English Composition II focuses on effective expository writing techniques through reading, analyzing and interpreting short fiction, drama, poetry and non-fiction. Critical thinking, argumentation and logic are emphasized.

Credits: 3

Lecture Hours: 3

Prerequisites: ENGL 1010

EDUC 1030 - ♦College and Lifelong Learning

College and Lifelong Learning is designed to empower the student with knowledge, skills, and resources to set and maintain realistic goals for college and lifelong success. The course focuses on development of academic learning and critical thinking skills, use of campus and other resources, and improvement of computer and technology literacy skills. Additionally, the course provides the student with opportunities for personal strength assessment and development, career exploration, and education for personal finance success in life.

Credits: 3

Lecture Hours: 3

COMM 2025 - ♦Fundamentals of Communication

Fundamentals of Communication is an introduction to the processes and elements of human communication in face-to-face interaction. Topics include: topic selection, research, organization, verbal and nonverbal delivery, audience adaptation, listening and small group presentations.

Credits: 3

Lecture Hours: 3

SOCI 2010 - ♦Marriage and Family

Marriage and Family is an overview of the effects of societal change on marital and non-marital relationships. Topics include: pre-marital dynamics, singles, dual career families, family violence and divorce.

Credits: 3

Lecture Hours: 3

ECON 2100 - ♦Principles of Macroeconomics

Principles of Macroeconomics is an examination of macroeconomics while focusing on economic behaviors of entire economies and governments with concentrations on fiscal policy, monetary policy, unemployment, recession and inflation.

Credits: 3

Lecture Hours: 3

THEA 1030 - ♦Introduction to Theatre

Introduction to Theatre is designed to develop an appreciation of the place of drama in society. Students will read and view selected plays with emphasis placed on the elements of drama, tragedy and comedy with accompanying coverage of theatre history.

Credits: 3

Lecture Hours: 3

POLS 1030 - ♦American Government

American Government is a survey focusing on the Constitution, political culture, political institutions and processes. Emphasis is placed on the dynamics of the legislative, executive and judicial branches of the United States government.

Credits: 3

Lecture Hours: 3

PSYC 1030 - ♦Introduction to Psychology

Introduction to Psychology is an introduction to the methods and theories of psychology. Behavior is examined through a study of learning, thinking, motivation, emotion, maturation, perception, personality and psychopathology.

Credits: 3

Lecture Hours: 3

HIST 2020 - ♦Modern United States History

Modern United States History is an examination of the social, political, economic, cultural and intellectual history of the United States since 1877.

Credits: 3

Lecture Hours: 3

ENGL 2120 - ♦Modern American Literature

Modern American Literature is a survey of representative works from the post-Civil War period to the present, including sections from authors such as Whitman (post-Civil War), Dickinson, Crane, Frost, Hemingway, Plath, Rich, Sexton, O'Connor, Walker, and others.

Credits: 3

Lecture Hours: 3

Prerequisite: ENGL 1020

MUS 1030 - ♦Introduction to Music

Introduction to Music is designed to allow students the opportunity to expand their knowledge of all types of music. Students study the basic elements of music and learn to appreciate music through careful listening.

Credits: 3

Lecture Hours: 3

HIST 2010 - ♦Early United States History

Early United States History is an examination of the social, political, economic, cultural and intellectual history of the United States from the Colonial period to 1877.

Credits: 3

Lecture Hours: 3

HIST 2310 - ♦Early World History

Early World History is an examination of the political, social, economic and intellectual history of the world from the first civilizations to circa 1500 A.D.

Credits: 3

Lecture Hours: 3

ECON 2200 - ♦Principles of Microeconomics

Principles of Microeconomics is an examination of microeconomics which focuses on economic behavior of individuals, consumers and businesses. The course emphasizes price theory, consumer choice, business productivity, and profit decisions.

BIOL 1110 - ♦General Biology I

General Biology I is a study of the principles of biology with an emphasis on molecular and cellular biology; chemistry; cell structure and function; cell metabolism; Mendelian genetics; cell division; and DNA structure and function.

Credits: 4

Lecture Hours: 3

Lab Hours: 2

ART 2000 - ♦Art History Survey I

Art History Survey II is a survey of architecture, painting, sculpture, and the minor arts in the Western World from prehistoric times through the Middle Ages.

Credits: 3

Lecture Hours: 3

PHIL 1030 - ♦Introduction to Philosophy

Introduction to Philosophy is an introduction to various philosophical problems concerning free will, the self, science and reality.

Credits: 3

Lecture Hours: 3

MATH 1530 - ♦Introductory Statistics

Introductory Statistics is designed to emphasize statistics as a decision-making tool and to introduce basic concepts of the discipline. The course includes: descriptive statistics; an introduction to probability; probability distributions; linear correlation and regression; and statistical inference and hypothesis testing. Lab will emphasize the uses of computer software and calculators for statistical analysis and assumes proficiency in basic computer skills.

Credits: 3

Lecture Hours: 2

Lab Hours: 2

Prerequisite: [READ 0870](#); ACT Math Subscore 19 or higher or concurrently enrolled in [MATH 0530](#) or prior completion of all Learning Support Math requirements.

SOCI 1010 - ♦Introduction to Sociology

Introduction to Sociology is an introduction to the study of society. Basic sociological concepts and theories, culture, socialization, social institutions and processes of social change are discussed. Applications of sociological theories to everyday life are emphasized.

Credits: 3

Lecture Hours: 3

BIOL 1120 - ♦General Biology II

General Biology II is a study of the principles of organismal biology with an emphasis on understanding and appreciating the diverse forms of plant and animal life as well as their relationship to each other and the environment. Topics covered include the structure and function of relationships and will be explored at many levels of organization, especially in chordate animals.

Credits: 4

Lecture Hours: 3

Lab Hours: 2

Prerequisites: [BIOL 1110](#)

THS Online Learning Credit Recovery (CR)

Credit Recovery Objective

The goal of Credit Recovery (CR) is to give high school students the opportunity to graduate in a timely manner. This program has policies and procedures that allow students who have failed a course (with a score of 50-59) an opportunity to gain course credit without repeating the entire course in a classroom. Tennessee High School students allowed to participate in CR must adhere to the rules and policies outlined below.

- Any student who has failed one or more courses may request to participate in the CR Program through their assigned school counselor. Only CR Program Requests submitted by a THS School Counselor will be considered to participate.
- The majority of the course content of the CR Program is provided through Edgenuity, a vendor-based program. A small number of online courses may be offered through other sources.
- All students who are allowed to participate in CR Program must abide by all stated rules and policies.

Credit Recovery Student Eligibility and Admission Guidelines

- In order to be considered eligible to participate in CR, students must obtain a final grade within the range of 50-69 in the regular classroom course. Please note that NOT ALL regular THS classroom courses are available for CR. Please see your school counselor for a list of available CR courses.
- Students should enroll in TWO courses to be considered for entry into the CR program. Students only needing one online course may need to repeat the regular classroom course, attend the THS Summer School Program, or complete the course after school hours if recommended by their school counselor (ex: in the library or one of the THS After School Programs, or at home).
- If a student completes both courses before the end of the semester, the student will be required to enroll in a third online course or that period will be used for remediation and/or enrichment in the eLearn classroom. Students WILL NOT be allowed to stop attending the eLearn classroom.
- Recovered credit(s) will be awarded when students have completed the required coursework and have an overall grade average equal to or above 60% in the credit recovery course.
- According to the Tennessee Department of Education guidelines, students shall be awarded a 60 - D upon credit recovery completion.

THS Credit Recovery Step-By-Step Procedures

- Counselor will review the transcript and determine if credit recovery is appropriate. Students who complete a course with a final grade of 50-59 are eligible for credit recovery in that course.
- Counselor will contact the parent/guardian to obtain written parental permission for the student to participate in a credit recovery course. The counselor will also inform the parent/guardian that not all post-secondary institutions accept credit recovery course credit and the NCAA Clearinghouse will not accept credit recovery course credit.
- Upon receiving written parent/guardian permission, the counselor will submit an online request for enrollment in a credit recovery course to administration.
- Once approved, Administration will notify an eLearn teacher to enroll the student in the credit recovery course.

- An eLearn teacher will enroll the student in the course.
- ELearn teachers will provide a timely update on each student's progress on the credit recovery course to all THS Counselors, THS Administrators, and other eLearn teachers.
- Once the student has completed the credit recovery course, the eLearn teacher or homebound teacher will notify Administration of the grade in the credit recovery course.
- The final grade of a 60 – D will be recorded on the student's transcript.

Available Credit Recovery Courses:

<u>Math</u>	<u>English</u>	<u>Science</u>	<u>Social Studies</u>	<u>PE</u>
Alg 1 P1	English 1	Biology	World History	Online PE
Alg 1 P2	English 2	Physical	US History	Wellness
Math 2 P1	English 3	Science	Government	
Math 2 P2	English 4	Chemistry	Economics	
Alg 2 P1		Physics		
Alg 2 P2				
Bridge Math				

Work-Based Learning Intent to Participate Form

About Work-Based Learning

Work-Based Learning (WBL) for high school credit provides students with the opportunity to apply knowledge and skills learned in general education and Career & Technical Education (CTE) coursework in a workplace setting. Students can earn a maximum of two WBL credits per year toward high school graduation.

Work-Based Learning Participation Minimum Requirements

- Must be 16 years old and able to transport themselves to their placement.
- Completion of a minimum of 2 credits in a CTE Program of Study (POS).
- No Out-of-School Suspension referrals.
- No more than 2 In-School Suspension referrals.
- Completion of the WBL Intent To Participate Form.
- Recommendation from current/former teacher and WBL Coordinator.

Work-Based Learning Participation Preferred Qualifications

- 2.75 GPA.
- 10 or fewer absences in current school year with no more than 3 unexcused absences.
- Less than 5 unexcused tardies in current school year.

Deadline for Submission of the Completed WBL Intent to Participate Form

- Students who submit a completed Intent to Participate Form on time will be considered first for WBL.
- Not every student who qualifies may be able to participate in WBL. Classes CANNOT be overloaded.

Work-Based Learning Intent to Participate Submission and Review Process

1. **Talk to your counselor** to determine if you meet the requirements to participate in Work-Based Learning. This conversation should begin no later than registration for your senior year, but it is recommended to begin this conversation as early as possible.
2. **Begin by asking your counselor to enter the information** concerning your graduation and scheduling requirements, attendance, GPA, and discipline, and to sign the Intent to Participate Form.
3. **Complete your Intent to Participate Form** by providing the information in the Student Information section.
4. **Sign your Intent to Participate Form** and make sure you have your parent/guardian's signature.
5. **Obtain a recommendation from your teacher in the subject related to your WBL experience.** The teacher may consider the following before recommending you to apply for WBL:
What is this student's competency level? How was this student's attendance? How well did this student interact with other students in the class? Did the student accept responsibility for his/her action/inaction in a positive manner? Will this student represent the WBL program in a positive way?
The teacher may have additional requirements/forms that you must complete in order to receive a recommendation for WBL – make sure to meet all deadlines related to these requirements.
6. **Submit your completed Intent to Participate Form** to the WBL Coordinator for review.
 - The WBL coordinator will review your discipline records and credit history. Only students who represent our school well will be approved for WBL opportunities. Employers seek people who are dependable, who get along with others, and who are responsible.
7. **Return the approved Intent to Participate Form** to your counselor to initiate a schedule change to accommodate your WBL experience.

Student Information (to be completed by the student)

Student Full Name: _____ Home Phone: _____ Current Address: _____ Parent/Guardian Name: _____	Date of Birth: _____ Student Cell Phone: _____ Email Address: _____ Parent/Guardian Phone: _____
CTE Program of Study/Elective Focus Area: _____	
Employment Plans (Be specific. Explain how participation in the type of work-based learning experience you describe will further your understanding of the skills/concepts presented in your focus area or Program of Study.) _____ _____ _____	

Signatures

<i>Student Signature</i>	<i>Date</i>
<i>Parent Signature</i>	<i>Date</i>
<i>CTE Teacher Signature</i>	<i>Date</i>

Administrative Information (to be completed by the counselor)

GPA: _____	Graduation/Scheduling Requirements: _____ Attendance: _____ Discipline Events: _____
	None Attached
Counselor Signature	Date

Final Approval (to be completed by WBL Coordinator/CTE Director)

WBL Participation:	Approved Denied	Comments: _____
WBL Placement:	Approved Denied	Comments: _____
WBL Coordinator Signature		Date
CTE Director Signature		Date

Maroon & White Staff Selection Process

Our school newspaper, the oldest among school newspapers in Tennessee, will be celebrating its 108th year next year. We want our staff to be more driven than ever before.

Faced with a large number of extraordinary candidates, the Maroon & White admissions committee, which does not include the new adviser Mrs. Story, is asking all candidates interested in the class to submit a statement of intent.

This includes both NEW applicants and those who wish to take the *Maroon & White* class again.

Take Action:

To be considered for a position on the please email the following to Mrs. Story (storym@btcs.org) by the first Friday in May.

Your statement of intent should include:

1. A cover sheet with only your name typed at the center, top.
2. A second sheet that completes the following prompt:

Without my presence, the *Maroon & White* will be missing...

3. Without exception, both sheets must be typed in 12 pt. Times New Roman (or the equivalent).
This document has been prepared in this font and size.
4. The second sheet must not exceed 300 words.