

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	93 – 100	4 points
B	85 – 92	3 points
C	75 – 84	2 points
D	70 – 74	1 point
F	69 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, 92B and an 84C. 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 of 2022 for the 2022–2023 school year.

SCHOLARSHIPS

Scholarship information is announced on Viking news and 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.

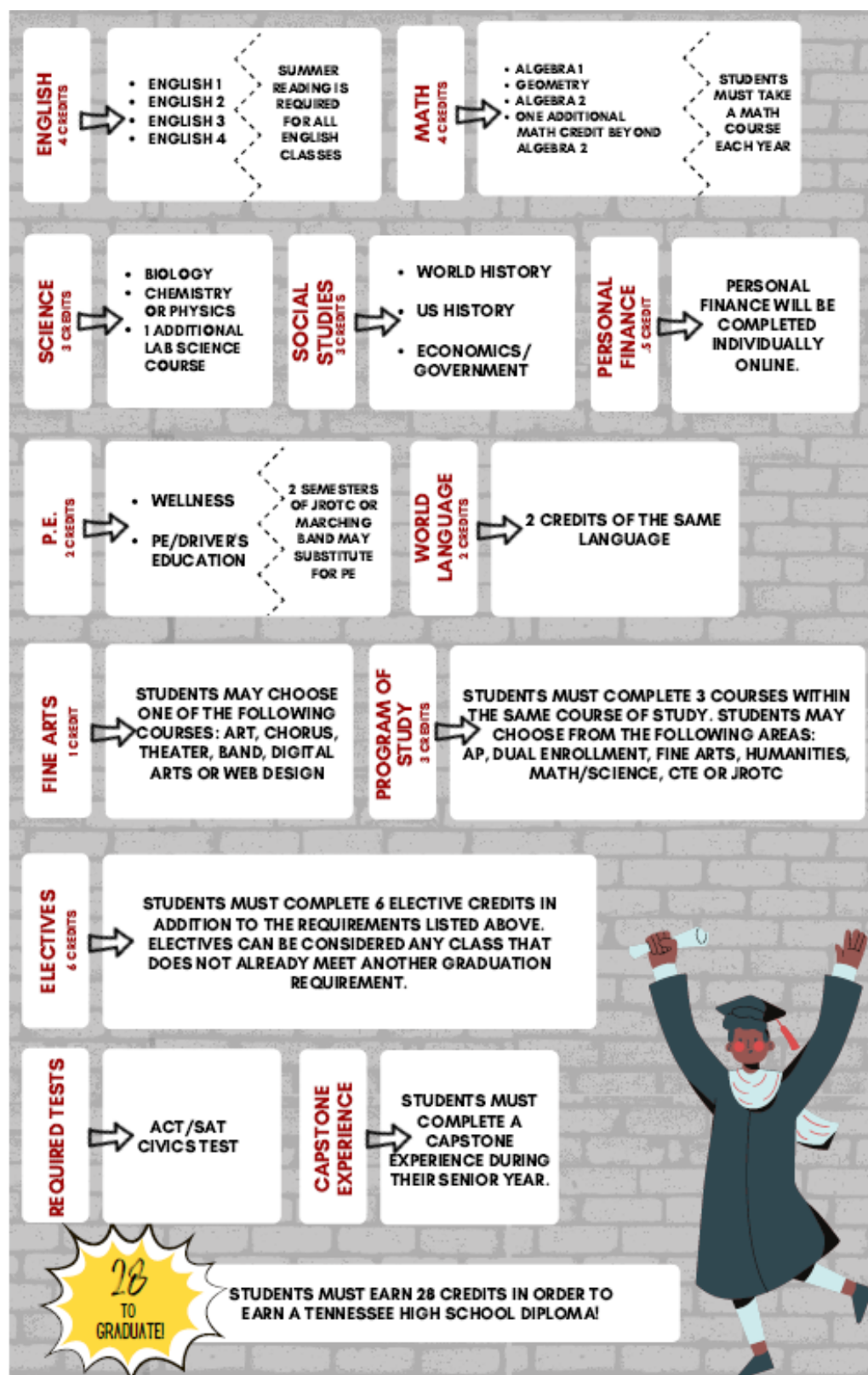
TUTORING

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 2022-2023

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 Computer Science

Fine Arts

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

Math/ Science

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

Humanities

Adv. Creative Writing
German 1, 2, 3, 4
Public Speaking
AP English Literature
Spanish 1, 2, 3, 4
AP Spanish
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
Principles of Machining I
On Site Dual Enroll: NESTate Quality and Inspection
Dual Enroll.: NESTate Safety in the Workplace
Dual Enroll.: NESTate Industrial Concepts (ACT req.)
Ind. Cert.: PMI (Precision Meas. Inst.); OSHA 10 Gen.
Dual Credit at TCAT Eliz.: PMI Ind. Cert. = 90 hrs

Principals of Manufacturing
Welding I
Welding II
Principles of Pipefitting
Dual Enroll.: NESTate Safety in the Workplace
Dual Enroll.: NESTate Industrial Concepts (ACT req.)
Ind. Cert.: AWS Cert. Welder; OSHA 10
Manufacturing

Agriculture, Food, & Natural Resources

Environmental and Natural Resource Management:

Welding:

AgriScience (Science Graduation Req.)
Fisheries & Wildlife Science (Applied Env. Sci.)
Animal Science (Small & Large Animal Science)
Ag. Work Based Learning (Supervised Ag. Exp. SAE)

Architecture & Construction

Mechanical, Electrical, & Plumbing (MEP) Systems:
Fundamentals of Construction

Following offered at Friendship Career Center:

Mechanical, Electrical, and Plumbing (MEP)

Systems

Heating, Ventilation, and Air Conditioning (HVAC)

Dual Enroll. Mechanical, Electrical, & Plumbing

If choose Tennessee College of Applied Tech. Dual Enrollment:

TCAT DE HVAC (Sem. 1)

TCAT DE HVAC (Sem. 2)

TCAT DE HVAC (Sem. 3)

TCAT DE HVAC (Sem. 4)

Residential & Commercial Construction:

Fundamentals of Construction

Residential & Commercial Construction I

Residential & Commercial Construction II

Ind. Cert.: NCCER Core; OSHA 10 Construction

Arts, A/V Technology & Communication

Digital Arts & Design:

Digital Arts & Design 1 (Fine Art Graduation Req.)

Digital Arts & Design 2

Digital Arts & Design 3

Dual Enroll: ETSU Student in University for Eng. & Tech

Dual Enroll.: ETSU Principles of Digital Animation

Dual Enroll.: ETSU Principles of Digital Game Design

Dual Enroll.: King Univ. Photographic Foundations
(Evening class one night/week)

Dual Enroll.: King Univ. Intro. to Web Presence &
Social Media (Evening class one night/wk)

Ind. Cert.: Adobe Certified Associate

Business Management & Administration

Business Management:

Intro to Business and Marketing

Business Communications

Business Management (NE State Dual Cred Test)

CLEP Test: Principles of Management

Dual Enroll.: ETSU Using Info Technology

Dual Enroll.: ETSU Intro. to Business

Dual Enroll.: NEState Keyboarding/Formatting I

Dual Enroll.: NEState Business English

Dual Enroll.: NEState Records Management

Dual Enroll.: NEState Word Processing I

Dual Enroll.: NEState Sales and Service

Dual Enroll: NEState Introduction to Business

Dual Enroll: NEState Entrepreneurship

Dual Enroll: NEState Intro. To Marketing

Dual Enroll: NEState Taxes and Licensing

Dual Enroll: NEState Financing Issues

Dual Enroll.: King Univ. Intro. to Econ. Prin.

Dual Enroll.: King Univ. Management Comm.

Dual Enroll.: King Univ. Management of Info. Sys.

Dual Enroll.: Tusculum Principles of Management
with Leadership Studies (6 hours total)

Education and Training

Teaching as a Profession (K-12)

Introduction to Teaching as a Profession

Fundamentals of Education

Teaching as a Profession I

Teaching as a Profession II

Teaching as a Prof. Practicum

Dual Enroll.: King Univ. Found of Education

Dual Enroll.: King Univ. Intro. To Teaching, K-12

Dual Enroll: ETSU Found. Professions of Teaching

Dual Enroll: ETSU Exceptional Learners

Government & Public Administration

Leadership in Government

JROTC I

JROTC II

JROTC III

JROTC IV

U.S. Government and Civics

Dual Enroll: ETSU Intro to American Government

Dual Enroll: ETSU Intro to Political Science

Dual Enroll.: King Univ. US Government

Health Science

Emergency Services

Health Science Education

Anatomy & Physiology

Medical Therapeutics (NEState Dual Credit CPR
Test)

Emergency Medical Services

Clinical Internship

Dual Enroll.: ETSU Medical Terminology

Dual Enroll.: ETSU Health Profession Exploration

Dual Enroll.: NEState Health-Related Professions

Dual Enroll.: NEState Medical Terminology

Dual Enroll.: King Univ. Intro. to Healthcare

Dual Enroll.: King Univ. Medical Terminology

Ind. Cert.: OSHA10 Healthcare, EMR

Nursing Services

Health Science Education
Anatomy & Physiology
Medical Therapeutics (NEState Dual Credit CPR Test)
Nursing Education (CNA--Cert. Nursing Asst.)
Clinical Internship
Dual Enroll.: ETSU Medical Terminology
Dual Enroll.: ETSU Health Profession Exploration
Dual Enroll.: NEState Health-Related Professions
Dual Enroll.: NEState Medical Terminology
Dual Enroll.: King Univ. Intro. to Healthcare
Dual Enroll.: King Univ. Medical Terminology
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)
Clinical Internship
Dual Enroll.: ETSU Medical Terminology
Dual Enroll.: ETSU Health Profession Exploration
Dual Enroll.: NEState Health-Related Professions
Dual Enroll.: NEState Medical Terminology
Dual Enroll.: King Univ. Intro. to Healthcare
Dual Enroll.: King Univ. Medical Terminology
Ind. Cert.: OSHA10 Healthcare, Pharm. Tech.

Sport and Human Performance

Health Science Education
Anatomy & Physiology
King Univ. DE Anatomy & Phys. at THS
Rehabilitation Careers (NEState Dual Credit CPR Test)
Clinical Internship
Dual Enroll.: ETSU Medical Terminology
Dual Enroll.: ETSU Health Profession Exploration
Dual Enroll.: NEState Medical Terminology
Dual Enroll.: NEState Health-Related Professions
Dual Enroll.: King Univ. Intro. to Healthcare
Dual Enroll.: King Univ. Medical Terminology
Ind. Cert.: OSHA10 Healthcare

Hospitality & Tourism

Culinary Arts:

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

Hospitality and Tourism Management:

Hospitality and Tourism Management I
Hospitality and Tourism Management II
Hospitality and Tourism Management III
Ind. Cert: Southwest Airlines Prof. Communications

Human Services

Cosmetology:

Cosmetology 1
Cosmetology 2
Cosmetology 3
Cosmetology 4
Dual Credit at TCAT Eliz.: 90 hours
Ind. Cert.: OSHA10 Cosmetology
TCAT DE Cosmetology (Sem. 1)
TCAT DE Cosmetology (Sem. 2)
TCAT DE Cosmetology (Sem. 3)
TCAT DE Cosmetology (Sem. 4)

Information Technology

Coding:

Computer Science Foundations
Coding I (NEState Dual Credit Prog. & Logic Test)
Mobile App Development
AP Computer Science
Dual Enroll.: ETSU Intro to Computer Science
Dual Enroll.: ETSU Intro to Computer Science
Dual Enroll.: ETSU Using Information Technology
Dual Enroll.: ETSU Prin of Digital Game Design
Dual Enroll.: ETSU Principles of Digital Animation
Dual Enroll.: ETSU Essentials of Web Development
Dual Enroll.: ETSU Adventures in Computing
Dual Enroll.: King Univ. Computer Concepts
Dual Enroll.: King Univ. Intro. to Programming
Dual Enroll.: King Univ. Prof. Writing for IT
Ind. Cert.: Comp. TIA Foundations

Cybersecurity:

Computer Science Foundations
Cybersecurity I
AP Computer Science Principles
Ind. Cert.: Comp. TIA IT Fundamentals

Networking Systems:

Computer Science Foundations
Computer Systems (TOPS online)
Networking (NEState Dual Credit Networking Test)
Dual Enroll.: ETSU Intro to Computer Science
Dual Enroll.: ETSU Intro to Computer Science
Dual Enroll.: ETSU Using Information

Technology

Dual Enroll.: ETSU Principles of Digital Game Design
Dual Enroll.: ETSU Principles of Digital Animation

Dual Enroll: ETSU Essentials of Web Development
Dual Enroll: ETSU Adventures in Computing
Dual Enroll.: King Univ. Computer Concepts
Dual Enroll.: King Univ. Intro. to Programming
Dual Enroll.: King Univ. Prof. Writing for IT
Ind. Cert.: Comp. TIA Foundations

Web Design:

Computer Science Foundations
Web Design Foundations (Fine Art Graduation Req.)
AP Computer Science Principles
Dual Enroll.: ETSU Intro to Computer Science
Dual Enroll: ETSU Using Information Technology
Dual Enroll: ETSU Prin of Digital Game Design
Dual Enroll: ETSU Principles of Digital Animation
Dual Enroll: ETSU Essentials of Web Development
Dual Enroll: ETSU Adventures in Computing
Dual Enroll.: King Univ. Prof. Writing for IT
Dual Enroll.: King Univ. Intro. to Web Presence & Social Media (Evening class one night/week)
Ind. Cert.: Comp. TIA Foundations

Law, Corrections, & Security

Criminal Justice & Correction Services:

Criminal Justice I
Criminal Justice II
Dual Enroll Criminal Justice (taught at THS)
Dual Enroll: Tusculum Intro. to Criminal Justice
Dual Enroll: ETSU Intro to Criminal Justice
Dual Enroll: ETSU Crime Scene Investigation
Dual Enroll.: NESTate Intro to Criminal Just (ACT Req.)
Dual Enroll.: NESTate Issues & Ethics (ACT Req.)
Dual Enroll.: NESTate Intro. to Corrections (ACT Req.)
Dual Enroll.: King Univ. Intro. to Crim. Justice
Dual Enroll.: King Univ. Criminal Procedure
Dual Enroll.: King Univ. Criminal Law
Dual Enroll.: King Univ. Special Topics in Crim. Jus.
Ind. Cert.: Unarmed Security Guard

STEM

Engineering:

Principles of Engineering & Technology
Engineering Design I
Engineering Design II
AP Computer Science Principles
AP Physics
Dual Enroll.: ETSU Student in University
Dual Enroll.: ETSU Computer Aided Design/Drafting
Dual Enroll: NESTate Engineering Graphics
Ind. Cert.: Dremel 3D Printing; Dremel Laser Cutting

Transportation, Distribution, & Logistics

Automotive Maintenance & Light Repair:

(all classes at Friendship Career Center)

Maintenance & Light Repair 1
Maintenance & Light Repair 2 (Dual Credit TCAT)
TCAT DE Automotive Tech. (Sem. 1)
TCAT DE Automotive Tech. (Sem. 2)
TCAT DE Automotive Tech. (Sem. 3)
TCAT DE Automotive Tech. (Sem. 4)

Automotive Collision Repair:

Dual Enroll: NESTate Paint & Refinishing 3 hrs (at THS)
Dual Enroll: NESTate Special Topics Auto Service 1 hr (at THS)
Dual Enroll: NESTate Non-Structural Repair 3 hrs (at THS)
Ind. Cert.: Automotive Service Excellence (ASE) Maint. & Lt. Repair; OSHA 10 Auto

****Work-Based Learning can count as the 3rd or 4th level of all Programs of Study).***

Industry Certification opportunity:

***OSHA10 General Industry
Southwest Airlines Professional***

Communications

*****The WorkKeys Test is taken by all 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.***

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	

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 complete a

	<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 	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 • Assignments vary with units • Lab reports 	<ul style="list-style-type: none"> • 1 science project

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 	
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****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.btcsc.org/counseling>. **Course requests will be accepted through the first two full days of school each semester.** 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 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. Students who complete the Modern States online curriculum will have the opportunity to participate in the CLEP Composition exam.

G01H1110 English III (Honors)

Prerequisite: A or B in Honors English II or an A in English II with teacher recommendation. Samples of student work may be reviewed before placement in all Honors classes.

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. This class is both reading and writing intensive. Students who complete the Modern States online curriculum will have the opportunity to participate in the CLEP Composition exam.

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 Analyzing Literature 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*.

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 on pg. 82.

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 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 is a survey 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.

G24H1020 Spanish III/IV

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 Math II or 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: Math 2 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.

G02H4120 Bridge Math

Prerequisite: "D" or below in Algebra 2 and college bound in TN

*The purpose of this course is to help students prepare to test out of remedial math at their respective colleges in Tennessee. This is a fourth-year math course focused on enforcing core concepts from previous math experiences. Throughout this course students will hone their computational skills and extend their knowledge through problem solving and real-world applications.

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.

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.

G08H0130 Lifetime Fitness

Prerequisite: Juniors or Seniors

This course is structured to challenge the personal fitness levels of students in aerobic exercise, rhythms, circuit weight training, aquatics, and selected lifetime sport

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.

G03H1010 Biology II Pre- AP

Prerequisite: Biology 1/Honors Biology and Chemistry 1/Honors Chemistry or teacher recommendation

Biology II Pre- AP is a second-year honors biology class taken after the student has successfully completed BOTH Chemistry 1/Honors Chemistry and Biology 1/Honors Biology. The class may be taken by any student meeting the required prerequisite as their third science. It is NOW required by ALL students taking AP Biology. Biology II Pre- AP is a challenging course that requires students to read as much as three hours a week outside of class. A college textbook and materials are used. The course encompasses material such as biochemistry, cell biology, ecology, and evolution. This course covers much of the necessary curriculum items for the 1st half of AP Biology. After successful completion of Biology II Pre-AP and AP Biology, students will take the AP Biology examination if they wish to earn AP credit. Many colleges will award 4-8 credit hours for scores of 4 and 5.

G03H1000 AP Biology

Prerequisite: Biology II Pre-AP

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. Students who complete the Modern States curriculum will have the opportunity to participate in the CLEP Psychology exam.

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

INTRODUCTION TO CAREERS

C25X0020 Career Exploration

Career Exploration is an introductory course designed to assist students in (a) discovering their personal strengths and abilities, (b) understanding opportunities available to them in different career areas, and (c) practicing skills necessary to excel in the workforce and in postsecondary learning. Upon completion of this course, proficient students will know and exhibit soft skills (e.g. teamwork, creative thinking, and problem solving), as well as more technical skills (e.g. resume building and written communications) related to career exploration and experience. Students will also learn about and be exposed to existing CTE pathways and elective focus options.

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:

- Occupational Safety and Health Administration (OSHA 10) General Industry

C13H0920 Principles of Machining I

Prerequisite: Principles of Manufacturing

This course provides students with the skills and knowledge to be effective in production environments as a machinist, CNC operator, or line supervisor. The course is contextual by design and throughout the course students will demonstrate safety practices concerning machining technology, proper measurement and layout techniques, reading and interpreting drawings and blueprints, production design processes, and quality control procedures.

Industry Certification opportunity:

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

C13H2080 Dual Enrollment Quality and Inspection (*taught at THS by Mr. Anderson*)

**With successful completion of this course, Juniors and Seniors will earn Dual Enrollment credit through Northeast State (INTC 1010) Quality and Inspection. Quality and Inspection is designed to introduce students to the concepts of Quality Control, Total Quality Management, and current methods used in industry to obtain accurate measurements of parts and components.*

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 opportunity:

- Occupational Safety and Health Administration (OSHA 10) General Industry

C13H1020 Welding II

Prerequisite: Welding I

Welding II is an advanced welding class building on principles learned in welding 1. Welding 2 covers GTAW (Tig) welding, GMAW (Mig) welding, FCAW (Flux core) welding, and Plasma cutting. Welding 2 also covers support topics such as print reading, weld symbol recognition, and fabrication.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) Manufacturing
- AWS SENSE Entry Level Welder

Upon completion, students have the following dual credit opportunities:

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

C13H0530 Principles of Pipefitting

Prerequisite: Welding II

Principles of Pipefitting is an advanced welding class building on skills learned in Welding 2. 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 opportunity:

- AWS SENSE Entry Level Welder
- AWS SENSE Entry Level Pipefitter upon completion, students have the following online dual enrollment opportunities:
 - Northeast State (INTC 1020) Safety in the Workplace
 - Northeast State (INTC 1030) Industrial Concepts (ACT req.: Eng. 18, Reading 19)

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*

C18H2320 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.

ARCHITECTURE AND CONSTRUCTION

HVAC: Mechanical, Electrical, & Plumbing (MEP) Systems

*****All HVAC courses will be held at the Friendship Career Center on Volunteer Parkway. Transportation will be provided.***

C17H1520 Fundamentals of Construction

(This course can be included in the HVAC Program of Study—description below)

C17H2320 Mechanical, Electrical, and Plumbing (MEP) Systems

Prerequisite: Fundamentals of Construction

Can be taken as TCAT Dual Enrollment or as THS credit only. Program Description: The heating, ventilation, Air Conditioning and Refrigeration

program is a program that prepares individuals to work in a variety of jobs in the field of residential and light commercial air conditioning and refrigeration.

C17H1720 Heating, Ventilation, and Air Conditioning (HVAC)

Prerequisite: MEP Systems

Can be taken as TCAT Dual Enrollment or as THS credit only. Program Description: The heating, ventilation, Air Conditioning and Refrigeration program is a program that prepares individuals to work in a variety of jobs in the field of residential and light commercial air conditioning and refrigeration.

C17H3920 Dual Enrollment Mechanical, Electrical, & Plumbing Systems III

Prerequisites: MEP Systems, HVAC

Program Outcomes: Upon completion of the program, graduates are prepared to troubleshoot, repair, and maintain residential and commercial refrigeration; air conditioning; heat pumps; humidifiers; and electrical and gas heating. Graduates also understand the fundamentals of electricity, electric motors, and controls. Graduates of the program will be able to install and braze refrigeration tubing, diagnose electrical problems; install duct systems; repair light commercial equipment; recover air conditioning and refrigeration refrigerants; locate and repair leaks.

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

C17H2420 Residential and Commercial Construction I

Prerequisite: Fundamentals of Construction

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:

- *National Center for Construction Education and Research (NCCER) Core Curriculum*

C17H2520 Residential and Commercial Construction II

Prerequisite: Fundamentals of Construction; Residential and Commercial Construction I

Prepares students for careers in construction by building on the skills developed during Residential and Commercial Construction I. 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:

- *National Center for Construction Education and Research (NCCER) Core Curriculum*

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 Associate*

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

C12H2620 Introduction to Business and Marketing

This course focuses on business careers, basic business principles, accounting concepts, marketing, and more. Through guest speakers, projects, and hands-on activities, students learn how to start a business and create their first business plan. Special guests such as a recording studio owner and Chick-fil-A owner share how to be successful in the business world! You'll learn about the business cycle and types of business ownership. If you are thinking about owning your own business or majoring in business, accounting, or finance in college, this is the class for you!

C12H1620 Business Communications

In this class, you will learn communication skills needed to interact with your employees, customers, and coworkers. Do you know how to tie a necktie? You'll learn how to dress for success and interview for a job. We'll communicate through videoconferencing, ice breaker games, and different business situations. Learn to advertise your business by making a website, brochure, flyer and more. Learn skills you need to communicate in international business settings, too! You'll even get a chance to be the teacher's boss and try to fire her from your company!

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:

- *With a passing test score, student earns college credit at Northeast State (BUSN 1305)*
- *CLEP Test: Principles of Management*

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

- *East Tennessee State University (CSCI 1100): Using Information Technology*
- *East Tennessee State University (BADM 1130): Introduction to Business*
- *East Tennessee State University (ENTP 1955): ETSU Entrepreneurial Mindset*
- *Northeast State (ADMN 1302): Keyboarding/Formatting I*
- *Northeast State (ADMN 1305): Business English*
- *Northeast State (ADMN 1309): Records Management*
- *Northeast State (ADMN 1311): Word Processing I*
- *Northeast State (ADMN 1350): Sales and Service*
- *King University (ECON 2000): Intro. to Economic Principles*
- *King University (BUSA 2100): Management Communication*
- *King University (BUSA 2200): Management of Information Systems*
- *Tusculum University (BUSN 210): Principles of Management with (BUSN 336) Leadership Studies (Total of 6 credits)*

Industry Certification opportunity:

*Express Employment Professionals Business Office Technology Certification
Center for Financial Responsibility Personal Financial Literacy Certification*

EDUCATION AND TRAINING

Teaching as a Profession (K-12)

C32H##21 Introduction to Teaching as a Profession

This 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

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

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*

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 available.

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

Emergency 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.

G03H3120 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)*

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.

Nursing Services

C14H1420 Health Science Education (Description above)

G03H3120 Anatomy and Physiology (Description above)

C14H1520 Medical Therapeutics (Description above)

C14H1620 Nursing Education

Prerequisites: Health Science Education, Anatomy and Physiology, and Medical Therapeutics. Students must be 17.

Students enrolled in this course will pursue the CNA certification through a partnership with Ballard Health. The first nine weeks of the course will be an online class, and the second nine weeks of the class will be skills-based 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.

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

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

- *East Tennessee State University (PREH1350) Health Profession Exploration*
- *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*

Sport and Human Performance

C14H1420 Health Science Education (Description above)

G03H3120 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)*

C14H1120 Health Science Clinical Internship (Description above)

Therapeutic Services

C14H1420 Health Science Education (Description above)

G03H3120 Anatomy and Physiology (Description above)

C14H1520 Medical Therapeutics (Description above)

C14H2020 Pharmacological Science

Prerequisite: Health Science Education; Anatomy and Physiology
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)*

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

Hospitality and Tourism Management

C16H1720 Hospitality & Tourism Management I

A foundational course for students interested in careers within the hospitality industry. The course allows students to explore the career opportunities and fundamental principles that guide the organization and management of hospitality and tourism services. Upon completion of this course, students will be proficient in the foundations of hospitality and tourism, the segments of the industry, business concepts and operations, careers, and customer relations.

Industry Certification opportunity:

- Southwest Airlines Professional Communications

C16H1820 Hospitality & Tourism Management II

This course builds on the foundations learned in Hospitality & Tourism Exploration and introduces new topics related to the marketing of services in the hospitality industry. Students will develop proficiency in economic awareness, the role of marketing in the industry, the components of a marketing plan, and promotional concepts, all within the context of hospitality businesses. Upon completion of this course, proficient students will be prepared to pursue advanced coursework in the Hospitality & Tourism Management pathway.

Industry Certification opportunity:

- Southwest Airlines Professional Communications

C16H1920 Hospitality & Tourism Management III

This course builds on the foundations learned in Hospitality & Tourism Management II is an advanced course intended to further build on the knowledge and skills from previous courses and preparing students for a variety careers in the hospitality and tourism industry. This course covers multiple topics in employability and professionalism, international and global hospitality and tourism, legislation and governing laws, crisis preparedness and emergency procedures, marketing and selling, and financial applications.

Industry Certification opportunity:

- Southwest Airlines Professional Communications

HUMAN SERVICES

Cosmetology

C19H1221 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

C19H1421 Cosmetology II

Prerequisite: Cosmetology I

Prepares students for work-related skills and advancement into the field of cosmetology. During this course, students will have the opportunity to develop more advanced theoretical knowledge and skills in the principles of hair design, nail artistry, and cosmetic applications.

Industry Certification opportunity:

- Occupational Safety and Health Administration (OSHA 10) Cosmetology

C19H1321 Cosmetology III

Prerequisite: Cosmetology I; Cosmetology II

This course is designed to prepare students for careers within the personal care industry, including hairstylist, colorist, and nail technician. This course builds on the knowledge and skills from previous courses in the principles of hair design to expose students to the chemistry of color application and allow students to work more independently in a salon setting.

C19H0460 Dual Enroll TCAT Cosmetology I

Prerequisite: Cosmetology I; Cosmetology II

The Cosmetology program is taught by 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.

C19H2360 Dual Enroll TCAT Cosmetology II

Prerequisite: Dual Enrollment Cosmetology 1

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: Computer Science Foundations

Coding I is an introductory-level course for students brand new to programming. In this course, you will learn problem-solving strategies, and software design through hands on programming lessons. This course is taught using Python.

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)*

C10H2220 Mobile App Development

Prerequisite: Integrated Math 1, Computer Science Foundations, Coding I

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

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.

G02H4421 AP Computer Science Principles

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

Students will learn about foundational cybersecurity topics including digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Students will complete several projects throughout the course and the culminating course project will have students work through a simulated cyber hack.

G02H4421 AP Computer Science Principles (Description above)

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*

Networking Systems

C10H1121 Computer Science Foundations (Description above)

C10H1020 Computer Systems (Online)

Prerequisite: Computer Science Foundations

Computer Systems is designed to introduce the IT industry and hands on exposure to personal computers, mobile devices, hardware, software, and operating systems. Students develop a working knowledge of how computers operate, how to build computers, and how to troubleshoot hardware and software issues. The course emphasizes the hands on application of skills and procedures needed for hardware and software installations, upgrades, and troubleshooting systems.

C10H1320 Networking (Online)

Prerequisite: Computer Science Foundations; Computer Systems; and Teacher Recommendation

Networking is an advanced course designed to emphasize the conceptual and practical skills necessary to design, manage, and diagnose network hardware and software. Students develop a working knowledge of how networks operate, how to build networks, and how to troubleshoot networks through hands on projects.

Web Design

C10H1121 Computer Science Foundations (Description above)

C10H1621 Web Design Foundations

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)

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

- *East Tennessee State University (CSCI 1210): Essentials of Web Development*
- *King University (TCOM 2420): Professional Writing for Information Technology*
- *King University (DMAD 1500): Intro. to Web Presence & Social Media (Evening class one night/week)*

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.

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State (CRMJ 1010)*

C30H1280 Dual Enroll NE Intro to Criminal Justice (THS Teacher, Adjunct for Northeast State)

Prerequisite: Criminal Justice I; Criminal Justice II

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).

Industry Certification opportunity:

- *Unarmed Security Guard*

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 1010): Introduction to Criminal Justice (ACT Eng. 18, Read 19)*
- *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*
- *King University (CRJU 2620): Criminal Law*
- *King University (CRJU 2900): Special Topics in Criminal Law*

Science, Technology, Engineering, and Mathematics (STEM)

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*
- *Dremel Laser Cutting*

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

- *East Tennessee State University (ENTC 1510): Student in University for Eng & Tech*
- *East Tennessee State University (ENTC 2170): Computer Aided Design & Drafting*
- *East Tennessee State University: ETSU Intro to Surveying*
- *East Tennessee State University: ETSU Surveying Graphics*

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

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.

C20H1020 Maintenance and Light Repair II (MLR II)

Prerequisite: MLR I

Can be taken as TCAT Dual Enrollment or as THS Only. This course builds on the foundational skills of MLR I but focuses on the study of automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Students will engage in various automotive electrical projects related to motorcycles, cars, SUVs, and light trucks.

C20H1120 Maintenance and Light Repair III (MLR III)

Prerequisite: MLR I; MLR II

The Maintenance and Light Repair III (MLR III) course is the final course in the Automotive Maintenance and Light Repair program of study. Students will study and service suspension and steering systems and brake systems in a variety of simulation and real-world projects.

C20H1220 Maintenance and Light Repair IV (MLR IV)

Prerequisite: MLR III

This course prepares students for entry into the automotive workforce or into post- secondary training. Students will study and service automotive

HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills.

Industry Certification opportunity:

- *Automotive Service Excellence (ASE)*

Upon completion, students have the following dual credit opportunities:

- *With a passing test score, student earns college credit at Northeast State in Alignment and Brakes (AUTO 2210)*

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

Northeast State (INTC 1020) Safety in the Workplace

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: 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.

C20H3088 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).

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 work place 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.**

C20H1620 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 work place 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.

C20H1630 Service Learning

This program focuses attention on students with disabilities. Emphasis is placed on ensuring that students are afforded the opportunity to receive one-on-one support to achieve success in school and reach their career goals. Students in this program will be matched with students requiring support in academic subjects or with life skills.

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

Interested students should contact Dr. Douthat.

DUAL ENROLLMENT COURSES OFFERED AT TENNESSEE HIGH SCHOOL

TENNESSEE DUAL ENROLLMENT GRANT (DEG)

Tennessee Dual Enrollment Grant (DEG):

- o A student must be a Tennessee resident, as defined by regulations promulgated by the Tennessee Board of Regents under TCA §49-8-104.

- o A student qualifies to receive the Dual Enrollment Grant for one course per semester by meeting the admission requirements of the institution the student plans to attend. To receive funding for up to two (2) additional courses per semester, the student

- § At a TN public high school or Category 1, 2, or 3 private high school must achieve a high school GPA of at least 3.0 or attain a minimum ACT composite score of 21 or a concordant equivalent score on the SAT. ACT Superscore results are not accepted.

- o Dual Enrollment Courses 1 – 4 (Beginning with the Spring 2022 Semester)

- § At an eligible 2-year and 4-year postsecondary institution, the first four dual enrollment courses may be awarded up to \$543 per course.

- § Dual enrollment students may receive up to \$513 per course for the first four high-need courses taken as part of the GIVE act.

- o Dual Enrollment Courses 5-10 (Beginning with the Spring 2022 Semester)

- § At an eligible 2-year and 4-year postsecondary institution, courses 5-10 will be paid at \$100 per credit hour.

- § Unless any GIVE (high need) courses were paid among courses 1-4, students may receive \$513 per course, not to exceed four high need courses paid within the ten-lifetime course limit.

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: <http://www.tn.gov/collegepays/article/tsac-student-portal> .

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

1. Students enrolling in general education courses (English composition, history, psychology, etc.) or in courses requiring English or Reading as prerequisites must have an ACT sub-score of 18 in English and 19 in reading. Students enrolling in selected math course(s) or courses requiring math as a prerequisite must have a minimum ACT sub-score of 19 (Pre-calculus requires a 22).
2. Courses must be chosen by the student in consultation with the high school counselor or principal and the University Parallel Dual Enrollment Office.
3. Students may not enroll in more than 12-credit hours per semester without approval of the assistant vice president for Evening and Distance Education.
4. Exceptions to the above criteria must be approved by the high school principal and the Vice President for Academic Affairs.
5. Students must attend an Orientation in the THS counseling office to complete the enrollment process.

The following items will be completed online and submitted at your Orientation or Advisement Appointment:

- Complete Northeast State On-line Application
- Provide Copy of High School Transcript o Provide Copy of ACT or SAT Scores
- Complete the Family Educational Rights and Privacy Act (FERPA) Form (3rd Party Release)
- Complete the Online Dual Enrollment Grant Application

The following information is required to complete your student application file:

- o Complete Northeast State On-line Application
- o Signed Transcript Request Form
- o Provide Official Copy of High School Transcript
- o Provide Official Copy of ACT or SAT Scores
- o Complete the Family Educational Rights and Privacy Act (FERPA) Form

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	Spring
NE State ENGL 1010 and 1020	NE State ENGL 1010 and 1020
NE State Math 1530 and SOCI 1010	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.

Teacher Preparation Dual Enrollment Track

*Clemmer College at ETSU is offering a 4-course track for high school students who are interested in the teaching profession.
All classes will be online!*

Offered in Spring 2022, Fall 2022, and Spring 2023:

- * EDFN 2400 (Foundations for the Profession of Teaching)
- * SPED 2300 (Exceptional Learners in Schools and Communities)
- * SRVL 1020 (Introduction to Service Learning)

Offered in Fall 2022 and Spring 2023:

- *EDFN 2310 (Developmental Psychology)

For more information, contact:

Dr. Cynthia Chambers
Associate Dean of Educator Preparation
chamberc@etsu.edu

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)

ARTS 208: Baroque through Modern Art History

ARTS 204: Ancient Through Renaissance Art

CISC 100: Computer as a Tool

ENGL 110: Composition and Rhetoric I

ENGL 111: Composition and Rhetoric II

ENGL 225: World Literature

ENGL 120: Introduction to Creative Writing

GEOG 200: Introduction to Geography

HIST 101: The West and the World I

HIST 102: The West and the World II

HIST 201: U.S. Survey I

HIST 202: U.S. Survey II

NSCI 105: Physical Science

NSCI 105/L: Physical Science/Lab

MATH 122: Quantitative Applications

MATH 140: Elementary Statistics

MATH 220: Discrete Mathematics

MUSC 101: Introduction to Western Music

PSYC 101: Essentials of Psychology

POLS 110: American Government

RELG 201: World Religions

SOCI 101: Principles of Social Institutions

SPCH 101: Public Speaking

CISC 200: Management Information Systems & Analysis

MATH 140: Statistics

PSYC 101: Essentials of Psychology

PSYC 206: Lifespan Development

Viking U Associate's Degree Programs for Rising Juniors

We are SO excited to partner with two post-secondary institutions 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 2021-2022 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

TUSCULUM UNIVERSITY-PIONEER PATHWAY

The "Pioneer Pathway"-offered through **Tusculum University**. 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)

PIONEER PATHWAY COST AND CURRICULUM LAYOUT

ASSOCIATE DEGREE PROGRAM – COURSE SCHEDULE & PAYMENT MODEL					
TERM	COURSE	COURSE NAME	TSAC/HOPE	TAG/TU	STUDENT
Summer	1	OREN 105: The Tusculum Experience	\$0	\$0	\$500
Fall	2	ENGL 110: Composition I	\$500	\$0	\$0
	3	ENGL 111: Composition II	\$500	\$0	\$0
	4	HIST 201: U.S. History Survey I	\$0	\$0	\$500
	5	SPCH 101: Public Speaking	\$0	\$0	\$500
	6	MUSC 101: Introduction to Western Music	\$0	\$0	\$500
Spring	7	ARTS 208: Baroque through Modern Art History	\$200	\$300	\$0
	8	PSYC 101: Essentials of Psychology	\$0	\$500	\$0
	9	POLS 110: American Government	\$0	\$0	\$500
	10	HIST 202: U.S. History Survey II	\$0	\$0	\$500
	11	RELG 230: Hebrew & Christian Traditions	\$0	\$0	\$500
Summer	12	SOCI 101: Introduction to Sociology	\$300	\$200	\$0
	13	MATH 140: Elementary Statistics	\$300	\$200	\$0
	14	CISC 100: Computer as a Tool	\$300	\$200	\$0
	15	BUSN 201: Principles of Macroeconomics	\$0	\$0	\$500
	16	HIST 101: The West & the World I	\$0	\$0	\$500
Fall	17	PHED 201: Foundations of Physical Fitness & Wellness	\$300	\$200	\$0
	18	HIST 102: The West & the World II	\$300	\$200	\$0
	19	BIO 110 & BIO 110L: General Biology I & Lab	\$300	\$200	\$0
	20	ENGL 225: World Literature II	\$0	\$0	\$500
TOTAL INVESTMENT			\$3,000	\$2,000	\$5,000

Textbook costs not included; this could be about \$250-\$750 per semester depending on the courses taken

Tusculum Course Descriptions

ENGL 110. COMPOSITION I: Close Reading and Analysis. 3 credits.

Prerequisite: Students are placed into ENGL 110 based on ACT/SAT test scores. Students requiring ENGL 105 must pass ENGL 105 in order to enroll in ENGL 110.

This course focuses on close reading as a tool for critical analysis and as a means to achieve a foundation for various modes of writing. The course will explore interdisciplinary materials that connect students to larger academic and social communities and investigate the relationship between writers, purposes, and audience. Emphasis is placed on the preliminary writing process, including close reading, critical analysis, annotating, pre-writing, drafting, and revising.

ENGL 111. COMPOSITION II: Research and Rhetoric. 3 credits.

Prerequisite: ENGL 110 or ACT/SAT validation.

This course introduces students to university-level research and argumentation. Students learn source analysis, argumentation strategies, research techniques, and documentation. This is a theme-based course, and students will research current topics of interest with an emphasis on community, society, and citizenship.

HIST 201. U.S. HISTORY SURVEY I. 3 credits.

This course is a survey of American history beginning with contact between indigenous peoples and European explorers and ending with Reconstruction. Emphasis is on interaction between newcomers and natives, the diversity of colonial experience, the evolution of American culture, economic growth, and political development. Topics covered include colonization, the creation of republican governments, market revolutions, religion and reform, slavery, war, and westward expansion.

SPCH 101. PUBLIC SPEAKING. 3 credits.

Speaking clearly and comfortably in public is an essential skillset. This course prepares students for a variety of professional situations in which formal presentations are expected. Topics will include cultural conventions of speech, verbal and nonverbal messaging, and techniques of oral presentation and persuasion. Students will learn to research, outline, and deliver a variety of speeches (e.g. demonstrative, informative, persuasive, special occasion, etc.) of varying lengths.

HIST 202. U.S. HISTORY SURVEY II. 3 credits.

This course is a survey of the United States from Reconstruction to the present. Emphasis is on the interplay of economics and ideas and the role of reform efforts in shaping the nation. Topics covered include the American industrial revolution and responses to it, the Great Depression and New Deal, global wars and foreign policy, the empowerment movements, and the trajectory of both liberalism and conservatism over the course of the 20th and 21st centuries.

RELG 230. HEBREW AND CHRISTIAN TRADITIONS. 3 credits.

This interdisciplinary course presents the Hebrew and Christian scriptures as testaments to humanity's spiritual yearning and hope for justice in this world. We will examine the dominant themes of the books of the Old and New Testament, the process through which they become canonical and the historical struggles over their meaning and relevance for issues of social ethics.

ARTS 208. BAROQUE THROUGH MODERN ART HISTORY. 3 credits.

This course is a survey of Western Art from the 16th Century to the present. The artists, artwork and art movements that happened during this span of time are covered. This course may be taken in reverse order with ARTS 204 if necessary. Each of these courses satisfies the General Education Humanities requirement. No lab fee.

PSYC 101. ESSENTIALS OF PSYCHOLOGY. 3 credits. The course introduces the student to the field of psychology by concentrating on the broad areas of psychological study, e.g. basic methods of research, growth and development, perceptual processes and cognition, motivation and emotion and mental health problems and therapeutic solutions.

SOCI 101. INTRODUCTION TO SOCIOLOGY. 3 credits.

This course introduces students to the sociological imagination, an approach that situates peoples' lives in broader social contexts. Students will also examine major sociological theories and research methods. Through the sociological lens, students will examine basic concepts within the field of sociology, such as culture, deviance, socialization, social interaction, social class, race and ethnicity, gender and sexuality, and various social institutions, such as: family, education, and sport.

MATH 140. STATISTICS. 3 credits.

Prerequisites: MATH 105 with a minimum grade of C-, or at least 73 on Math Placement Test A, or permission of the instructor

Introduction to descriptive and inferential statistics using mainly parametric methods. Some of the major areas covered are: measures of central tendencies, measures of dispersion, distributions (such as frequency, normal, binomial and probability), correlation, regression and hypothesis testing.

CISC 100. COMPUTER AS A TOOL. 3 credits.

This course provides a survey of computer applications, information needs in business and microcomputers and information systems that meet these needs. Emphasis is on microcomputer hardware and software applications.

BUSN 201. PRINCIPLES OF MACROECONOMICS. 3 credits.

Analysis of the overall performance of economic systems. Topics discussed include employment, inflation, economic growth and development. The effects of monetary and fiscal policies are analyzed.

HIST 101. THE WEST AND THE WORLD I. 3 credits.

A survey of the history of Western Civilization and its interaction with the non-Western World, including Mesopotamia, the Middle East, Africa, Asia and the Americas.

HIST 102. THE WEST AND THE WORLD II. 3 credits.

Continuation of HIST 101. A survey of the history of Western Civilization and its interaction with the non-Western World, including Mesopotamia, the Middle East, Africa, Asia and the Americas.

PHED 201. FOUNDATIONS OF PHYSICAL FITNESS AND WELLNESS. 3 credits.

This course is designed to help students develop physical fitness and wellness. Learning Outcome: Health and Wellness.

BIOL 110. GENERAL BIOLOGY I. 3 credits.

Part one of the basic principles of biology. This course will serve to introduce the student to the scientific method, characteristics of life, chemistry, macromolecule structure and function, cell structure and function, enzymology, metabolism, cellular respiration, photosynthesis, DNA replication, nuclear and cell division, transcription and translation and heredity.

BIOL 110L. GENERAL BIOLOGY I LAB. 1 credit.

This course is the laboratory component of BIOL 110.

ENGL 225. WORLD LITERATURE. 3 credits.

Prerequisite: ENGL 110.

Examines the traditions of a selection of world literatures in an historical and cultural context. Works are chosen to represent the poetry, drama and fiction of two or more of the following regions: Russia, Italy, France, Germany, Latin America, Africa, India, Japan or China. Consideration will be given to the literary and cultural history of each region considered and its contribution to World Literature.

POLS 110. AMERICAN GOVERNMENT. 3 credits.

This course is designed to give students knowledge pertaining to the formation and development of the national government, its structure and powers, and its relationship to state and local governments.

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 50-69) 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 70% in the credit recovery course.
- According to the Tennessee Department of Education guidelines, students shall be awarded a 70 - 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 50-69 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 70 – 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 work place 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: _____

Date of Birth: _____

Home Phone: _____

Student Cell

Phone: _____

Current Address: _____

Email Address: _____

Parent/Guardian

Name: _____

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_____
*Student Signature*_____
*Date*_____
*Parent Signature*_____
*Date*_____
*CTE Teacher Signature*_____
*Date***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 Ms. 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 Ms. 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.