

Tennessee High School

2023-2024 Freshman Course Catalog and
Information Guide



2023-2024

Freshman Course Catalog

Welcome to Tennessee High School! Our mission at THS is “Preparing THS Students for Post-Secondary Success.” You will be engaged in rigorous, relevant educational experiences designed to prepare you for your post-high school goals. It is our intention to prepare every student with their post-high school individual needs.

Please review the course offerings in this catalog and be prepared to discuss your choices at your registration appointment with a THS counselor. Your choices, along with your standardized test scores and teacher recommendations, will be used to schedule you in appropriate courses for your first year at THS. If you have any questions during this process, please contact a THS counselor.

We look forward to seeing you soon!

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Tennessee High School Summary Sheet

COURSE REQUIREMENTS AT THS

There are 28 credits required for graduation.

CLUBS

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

COMMUNITY SERVICE HOURS

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

GPA AND CLASS RANK

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

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

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

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

REGISTRATION

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

SCHOLARSHIPS

Scholarship information is 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.

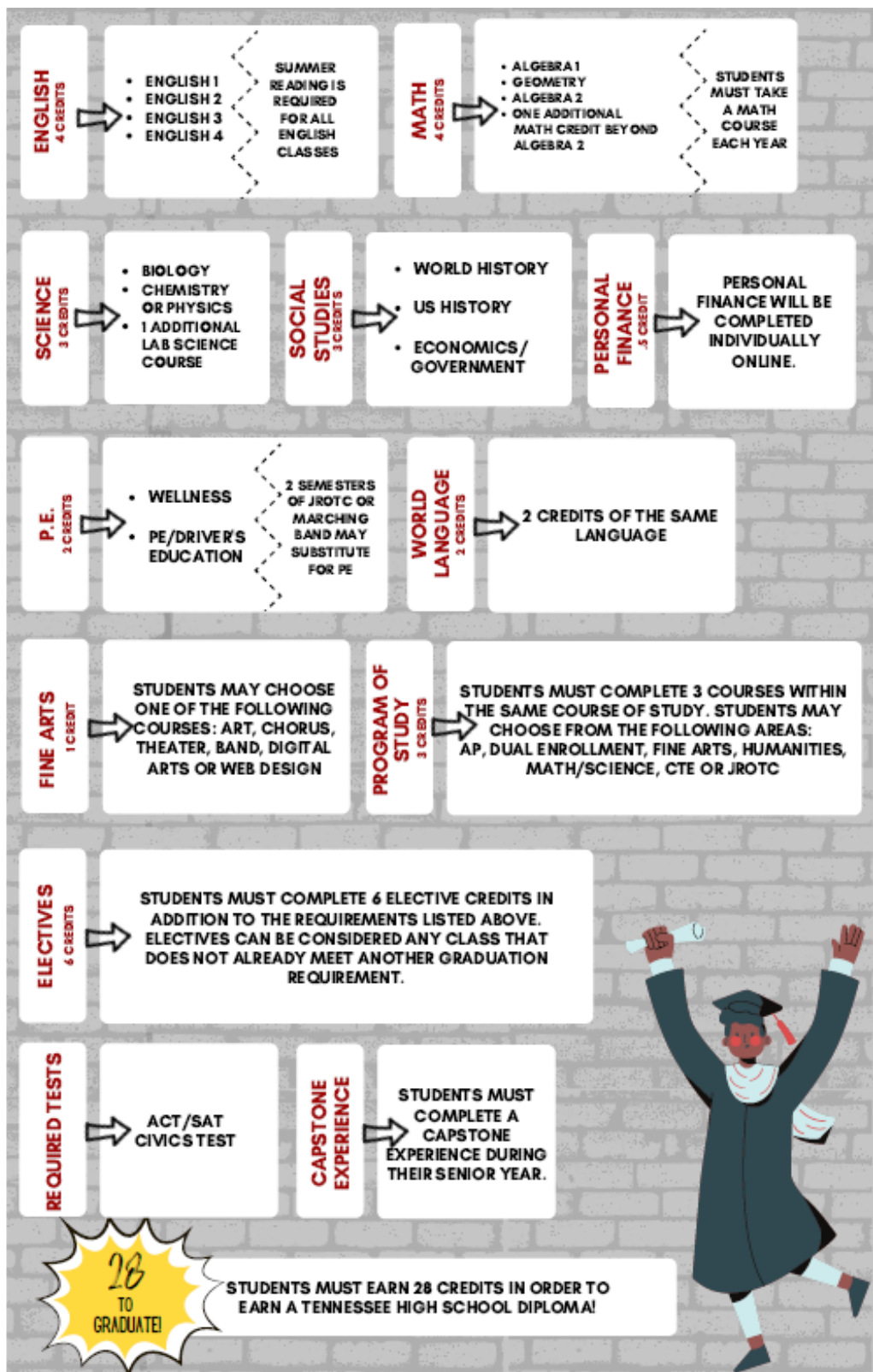
TUTORING

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



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 one 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	More info provided during senior year
Earn an industry certification in <u>student’s career interest area</u> or <u>regional recognized industry certification</u>	Earn a capstone industry certification as promoted by the Tn. Department of Education	Complete all English requirements with an overall GPA of 3.0 or above in those classes	
		Score advanced, on-track, or mastered on each English EOC taken	
		Achieve a passing score on a nationally recognized foreign language proficiency assessment	

Ready Graduate Information

What is a Ready Grad?

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

How do I become a Ready Grad?

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

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

What is an EPSO?

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

How do EPSOs benefit students?

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

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

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

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

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

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

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

ATHLETIC PROGRAMS

The Tennessee High School Athletic Program is governed by the Bristol Tennessee Board of Education and the Tennessee Secondary Schools Athletic Association for the purpose of development of character, integrity, sportsmanship, and teamwork. Tennessee High School offers the following varsity sports:

Fall Season

Football
Boys' Cross-Country
Girls' Cross-Country
Boys' Golf
Girls' Golf
Cheerleading
Girls' Soccer
Girls' Volleyball
Dance

Winter Season

Boys' Basketball
Girls' Basketball
Boys' Swimming and Diving
Girls' Swimming and Diving
Cheerleading
Boys' Wrestling
Girls' Wrestling
Dance

Spring Season

Boys' Track
Girls' Track
Boys' Tennis
Girls' Tennis
Baseball
Girls' Softball
Boys' Soccer

Athletic Insurance

The Athletic Department purchases a secondary athletic insurance policy for athletes and cheerleaders. This secondary coverage pays on the claim after the parents have filed their health insurance. The secondary coverage may not necessarily pay the complete balance due. Parents of injured athletes should contact the THS Athletic Office (652-9361) to obtain insurance claim forms.

Rules of Eligibility

Rules of Eligibility are set up by TSSAA and the Bristol Tennessee Board of Education. A summary of TSSAA Rules of Eligibility is provided for your information. Read these rules carefully and be sure that you understand them. **ALL ATHLETES ARE RESPONSIBLE FOR KNOWING THE TSSAA RULES.** The TSSAA web site may be accessed at: <http://www.tssaa.org>.

- A student must earn five credits the preceding school year if fewer than 24 units are required for graduation or six credits the preceding school year if 24 or more credits are required for graduation. All credits must be earned by the first day of the beginning of the school year.
- A student must be enrolled before the 20th school day of the semester, in regular attendance, and carrying at least five full courses during the present semester. A block schedule (such as THS) requires the student to be enrolled in 3 credit-bearing classes during the present term.
- A student is permitted eight semesters of eligibility beginning with the ninth grade. A student shall be ineligible in high school if he or she becomes 19 years of age on or before August 1 or in junior high if he or she becomes 16 years of age on or before August 1.
- Athletes must live at home with their parents or have lived for a minimum of one year with their legal guardians.
- In order for a transfer student with an athletic record to be eligible at another school, there must be a bona fide change of residence by the athlete's parents.
- All transfer students must be approved by the Executive Director of TSSAA before participating in any game.
- A student who engages in three or more days of practice – including spring practice – with a high school in which he or she is enrolled shall be ineligible in that sport for 12 months if the student enrolls in another school without a corresponding change in the residence of his or her parents.
- A student whose name is listed on the school eligibility report cannot participate in an independent game or meet until the season has closed in that specific sport. (This does not include golf, tennis, or bowling.)

A registered athlete cannot accept any money for athletic skills in any TSSAA sponsored sport.

- An athlete may accept a medal, trophy, high school letter, sweater, jacket, shirt, blazer, or blanket for athletic participation but nothing else of commercial value, and these awards must carry the school's letter or other appropriate award emblem.
- All expenses to an athletic camp where specified instruction is offered must be paid by the athlete or his parents.
- When an athlete is charged tuition to attend a school, it must be paid by the parent or bona fide guardian, or other family member.
- Any student repeating the 7th grade after having passed the 7th grade, or repeating the 8th grade, after passing the 8th grade, shall not be eligible to participate in athletics during their 9th grade year.
- A student may not participate in an all-star game unless it is sanctioned by the TSSAA and unless he/she has completed high school eligibility in that sport.
- Random Drug Testing – Any student participating in extracurricular activities, including Athletics, are required to adhere to the BTCS Random Drug Testing Policy.

TSSAA has also made the following interpretations pertaining to our school:

A student can only be eligible for participation in 9th grade athletics if he or she has ***passed*** the 8th grade. A student who is ***placed*** in the 9th grade from the 8th grade is ineligible for athletic participation during the 9th grade year. A student athlete on a block school schedule can become eligible for Term II athletic participation by passing at least three credit-bearing classes during the fall term.

CLUBS (SCHOOL SPONSORED)

A variety of clubs are available for student enrichment, and all students are encouraged to participate in one or more clubs of their choice. Students released from class to attend clubs are expected to attend, or they will be considered skipping and will be disciplined per the handbook.

****New clubs are not allowed to begin during the school year. Anyone requesting to establish a new club at THS must complete and submit an application.**

American Sign Language Club

A club in which students will learn and practice American Sign Language. The club is open to all students.

Anchor Club

A community service organization open to 10th – 12th grade girls. It is an extension of the Bristol Pilot Club. Anchor meets during club times; however, some after school meetings and activities are required as well.

Anime Club

Students will watch and discuss Anime.

Beta Club

Beta Club is a branch of the National Beta Club. The purpose of the National Beta Club is: *“to promote the ideals of honesty, service, morality, ethical conduct, and leadership among elementary and secondary school students, to reward meritorious achievement, and to encourage and assist students in continuing their education after high school.”* Membership in this club is available for juniors and seniors who have maintained an overall academic average of at least “93” for all high school courses taken prior to membership.

Boys Volleyball

Please see Mr. Goodman for more information.

Cadmus Club

Cadmus Club is open to yearbook staff members only. Staff members may be members of the club when they are not enrolled in the course.

Civitan and Civinettes Clubs

These clubs are school and community service clubs open to Tennessee High boys and girls. It is an extension of the Bristol Civitan Club. Some after-school meetings and activities are required.

Digital Arts & Design

Open to all students who are enrolled in the Digital Arts & Design program, or with teacher approval. Focus on graphic design, digital photography, and screen printing. Students will also have the opportunity to enter design competitions.

ESports

Drama Club

Membership is open to all students who are interested in any aspect of Theatre/Drama as well as those interested in competing in Competition Speech and Drama (forensics).

Family, Career, and Community Leaders of America (FCCLA)

FCCLA is the only student-led organization in the nation that has its central focus on the family. FCCLA provides community service and leadership opportunities for middle school and high school students. Membership is open to anyone who is currently enrolled in Culinary Arts and Advanced Culinary Arts or has been enrolled in one of these courses in the past.

French Club

Members perform service to the school and in the community. Members learn and share in traditions and culture of France and French people. They must be enrolled in the corresponding class or have been enrolled previously.

Future Business Leaders of America (FBLA)

Students must be or have been enrolled in a Career & Technical Education (CTE) class to join.

German Club

German Club provides an opportunity for fellowship among students studying the German language and culture. Its projects include community service, Thanksgiving Baskets, and Operation Christmas Child.

Ghost Hunters Club

The purpose of this club is to allow students to participate in ghost-related activities including a nighttime gathering at THS to search for paranormal activity.

Health Occupations Students of America (HOSA)

HOSA is a service club providing health care and health services to patients in hospitals, nursing homes, and other health care facilities. Open to students presently enrolled in health science and technology classes.

Interact Club

Sponsored by the local Rotary Club of Bristol, this club provides service opportunities on the international, local, and school level. One or two fundraisers are held each year to support the club's several projects.

Outdoor Club

In this club, students participate in various outdoor activities such as hiking and biking while also emphasizing the importance of sustainability within the community.

Rachel's Challenge

This is an encouragement group that emphasizes the importance of positivity and anti-bullying.

The National Honor Society (NHS)

The NHS chapter of Tennessee High School has four primary objectives:

- To create an enthusiasm for scholarship.
- To stimulate a desire to render service.
- To promote leadership.
- To develop character.

Selection of students for membership in the National Honor Society is the responsibility of the faculty council, a five-member board composed of teachers appointed by the principal. The following selection procedures, approved by the NHS National Council, are used in selecting members for the Tennessee High School Chapter of the National Honor Society:

The candidate must be a junior or senior who has been in attendance at THS the equivalent of one term and has a cumulative scholastic average of at least 93 percent. The cumulative scholastic average for juniors will be based on their freshman and sophomore grades, and for seniors, it will be based on their freshman, sophomore, and junior grades.

Eligible students will be asked to complete a Student Activity Information Form (SAIF) on which to list and describe activities, both in school and out of school, that demonstrate service, leadership, and character. (The student must complete this form to be considered for membership; however, completion of the form does not guarantee selection.) Students will be evaluated by the faculty council on the qualities of leadership, character, and service. The faculty council (composed of five teachers appointed by the principal) will use both the SAIF and the faculty council evaluations in considering the students to be selected. Students will be selected based on a majority vote.

Definition of volunteerism and/ or community service: Voluntary contributions (in hours) made by a student to the school or community, done without compensation or course credit and with a positive, courteous, and enthusiastic spirit.

*New members will be notified by mail of their selection.

Relay for Life

This service club supports the American Cancer Society in the fight against cancer. Membership is open to all THS students.

Skills USA

Students must be or have been enrolled in a Career & Technical Education (CTE) class to join.

Spanish Club

This club provides community service activities such as food baskets at Thanksgiving and cultural activities such as visits to an authentic Mexican Restaurant.

Strategy Club

Students in Strategy Club will participate in various games of strategy while also focusing on fellowship and friendship.

Student Council

SCA is the student government for THS. Membership is by election. These students are the class officers from each class and the elected council officers.

Technology Student Association (TSA)

The Technology Student Association (TSA) is a club for students interested in engineering, computer science, and/or digital design. Members will complete various projects and may have an opportunity to compete at TSA competitions. Students who are enrolled in Computer Science, Digital Arts, and/or STEM classes at Tennessee High School are eligible to join.

Teens Supporting Sustainability

The purpose of this club is to teach the importance of sustainability within our community. Students will participate in a variety of activities such as recycling, school clean-ups, etc.

Viking Buddies

Viking Buddies is open to all students enrolled in Peer Tutoring. Participants will promote acceptance and awareness of individuality and unique abilities. Buddies will attend school functions together, assist with Adaptive Athletics, and participate in each other's interests.

Viking Robotics Team

Robotics is a varsity sport for the mind! The Viking Robotics Team works with professional engineers to build a robot which will perform certain tasks in a game challenge. Students learn how to program software, engineering and machine shop skills, website design, marketing, and the importance of teamwork.

Voracious Viking Readers (Book Club)

The purpose of the Voracious Viking Readers Club is to promote reading and camaraderie amongst students who enjoy reading. This club will also give students a voice in choosing the annual Volunteer State Book Award winner.

CLUBS (NON-SCHOOL SPONSORED)

Fellowship of Christian Athletes (FCA)

FCA is a faith-based club which meets weekly. Its goal is to serve THS and the community and to encourage people.

First Priority

First Priority is a faith-based club which meets weekly. Its goal is to serve THS and the community and to encourage people.

Programs of Study 2023-2024

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

Academic

Advanced Placement

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

Fine Arts

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

Web Design

Math/ Science

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

Humanities

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

Career and Technical Education (24 Programs of Study offered)

Advanced Manufacturing

Machining Technology:

Principles of Manufacturing (PMI)
Dual Enroll: Quality & Inspection; Industrial
Safety; Machine Tool Operations I
Dual Enroll: Blueprint Reading; Machine Tool
Operations II
Northeast State Semester 3 (at NE State):

CNC Programming I; Machine Tool Op III;
CNC Machine Operations I

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

Welding:

Principles of Manufacturing
Welding I
Dual Enroll. TCAT Welding 1/2 (120 hours)

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

Agriculture, Food, & Natural Resources

Environmental and Natural Resource Management:

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

Architecture & Construction

Architectural & Engineering Design

Architectural Design I
Architectural Design II
Architectural Design III

Mechanical, Electrical, & Plumbing (MEP) Systems:

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

HVAC Systems:

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

Residential & Commercial Construction:

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

Arts, Audio/Visual Technology, & Communications

Digital Arts & Design:

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

Business Management & Administration

Business Management:

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

Education and Training

Teaching as a Profession (K-12)

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

Government & Public Administration

Leadership in Government

JROTC I
JROTC II
JROTC III
JROTC IV

Health Science

Nursing Services

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

Therapeutic Services

Health Science Education
Anatomy & Physiology
Medical Therapeutics (NEState Dual Credit CPR)
Pharmacological Science (NEState Dual Credit CPR)
and Clinical Internship (students enroll in both)
Ind. Cert.: OSHA10 Healthcare, Cert. Pharm. Tech.

Sport and Human Performance

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

Hospitality & Tourism

Culinary Arts:

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

Human Services

Cosmetology:

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

Information Technology

Coding:

Computer Science Foundations
Coding I
AP Computer Science Principles

Cybersecurity:

Computer Science Foundations
Cybersecurity I
Cybersecurity II
AP Computer Science Principles

Web Design:

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

Law, Corrections, & Security

Criminal Justice & Correction Services:

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

Marketing, Distribution & Logistics:

Marketing Management:

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

STEM

Engineering:

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

Transportation, Distribution, & Logistics

Automotive Maintenance & Light Repair:

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

Automotive Collision Repair:

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

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

Industry Certification opportunity: OSHA10 General Industry

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

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	WorkNow!, Inc.
Ballad Health	Old Dominion Freight Line
Spherion Staffing Services	@Work Personnel Services
Mullican Flooring	Express Employment
Alcoa Howmett	Kelly Services, Inc.
TRW Automotive	Cooper Standard Automotive
Meritor, Inc.	Norris Homes
Petoskey Plastics	Baldor Electric Co.
General Electric	Kawasaki TN, Inc.
Lear Corporation	International Paper
Rich's Products Organization	Mahle Powertrain LLC
Team Technologies, Inc.	JTEKT Automotive
Lisega, Inc.	Arconic
Hutchinson	Ball Corporation
Renold Jeffrey	SI Group Inc.
Iconex, LLC.	American Appliance Products, Inc.
Bodycote	Worthington Industries
Original Footwear Co.	Phoenix Closures, Inc.
Tuff Torq Corp.	Eastern Plating, Inc.
ColorTech, 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.



Tennessee Scholars Requirements

2014 Graduates and Beyond



Tennessee Scholars is a workforce development program designed to communicate to students the requirements for success in post-secondary and the workforce. The curriculum is based on the existing higher education system in Tennessee which includes all Tennessee Post-secondary institutions. It also fully considers the manufacturing and service industries in Tennessee and the trainable workforce needed for continuing their operations or for attracting new industry. The Tennessee Scholars curriculum gives students the greatest number of options to pursue academic excellence, to enter post-secondary education, the military, or the workforce. The benefits for graduating as a Tennessee Scholar are: full tuition to any Tennessee College of Applied Technology and scholarships to many two year and four year Tennessee post-secondary schools. It guarantees increased job potential, recognition, and rewards. The Scholars designation is recognized in job applications in more than 22 states.

COURSE REQUIREMENTS

- ✓ 4 English Courses
- ✓ 4 Mathematics Courses (Successful completion of all competencies for SAILS counts)
- ✓ 3 Laboratory Science Courses (Biology and Chemistry are required and one additional lab science, Physics strongly preferred)
- ✓ 3 Social Studies Courses (Must meet requirements of the Tennessee Diploma Project)
- ✓ 2 Foreign Language Courses (Part 1 and Part 2 of the same language)
- ✓ 1 Fine Arts Course
- ✓ Personal Finance as required by the State of Tennessee
- ✓ Must meet State requirements for health and/or physical education

ADDITIONAL CRITERIA

Choose at least two credits from the following (These courses can be a combination of two of the following or two in the same category) The additional courses cannot count towards other requirements for Tennessee Scholars:

- Career Technical Education
- Fine Arts (such as music, art, dance, drama, production, etc.)
- AP courses not already used for basic requirements
- Dual credit/Dual Enrollment course not already used for basic requirements
- International Baccalaureate courses not used for basic requirements
- Online courses not used for basic requirements.

WORKFORCE DEVELOPMENT SKILLS REQUIREMENTS

- ✓ 80 hours of volunteer service to the community (See Website for non-approved volunteer hours)
- ✓ Maintain a "C" average minimum in all Tennessee Scholars courses.
- ✓ 95% Attendance required (Cannot miss more than 36 total days in 4 years of high school)
- ✓ No out-of-school suspensions.

Online and homeschool students must provide a transcript and documentation of volunteer service, attendance, and discipline to the State Director of Tennessee Scholars. They must also provide the completed checklist for the program. The checklist can be found on the website under requirements.

Follow Tennessee Scholars on the web at www.tennesseescholars.org or YouTube, Facebook, and Twitter

Volunteer Service Form

Each Activity must have a signature to verify your participation. Please total your hours at the bottom of this page.

TN Scholars – 80 hours in addition to other requirements. Documentation due to Counseling Office by **January** of senior year.

TN Promise – Students can begin 8 hours of service after TN Promise deadline. Documentation must be uploaded to <https://tnachieves.org> by **July 1st**. If going to TCAT service hours are due by **April 1st of senior year**.

Capstone Requirements – See course catalog. Requirements vary by course enrollment.

Graduation Recognition – Students must complete **10** hours of service per semester. Documentation is due to the Counseling Office by **March** of your senior year.

Semester 1

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 2

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 3

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 4

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 5

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 6

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 7

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 8

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

_____TOTAL HOURS

SCHEDULE CHANGE GUIDELINES

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

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

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

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

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

ENGLISH

Summer Reading will be required of all English classes. In grades 9-12, students will choose **one** novel from the list to read over the summer and complete **one** of the three assignment options.

English Course Sequencing

Rising Freshman Requirements	9th Grade	10th Grade	11th Grade	12th Grade
All students not recommended for Honors.	English I	English II	English III	English IV
<i>Students earning 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.</i>	Honors English I	Honors English II	AP Language or Dual Enrollment	AP Literature or Dual Enrollment

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 20% 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 20% of the overall course grade) will also be imperative.

ENGLISH ELECTIVES

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.

FINE ARTS

NOTE: Students are limited to earning a total of 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.

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.

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.

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.

WORLD LANGUAGE

All students interested at THS 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 speaking, grammar, writing, and phonetics. Students are exposed to Francophone culture. Memorization with long-term retention is essential.

G24H2220 French II

Prerequisites: French I

Students use the skills acquired from French I to develop conversational and comprehension skills at an elementary level in the French language. Intermediate grammar is introduced. Students continue to be introduced to Francophone 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.

G24H0420 Spanish I

This course offers an introduction to the Spanish language, grammar, and culture. Memorization with long-term retention is essential. Freshmen benefit from strong English skills.

G24H0520 Spanish II

Prerequisites: Spanish I.

Continuation of Spanish I skills and basic grammar. NOTE: Students who passed Level I with a "D" may not retain enough grammar and vocabulary to be successful in Spanish II

MATHEMATICS

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

Math Course Sequencing

Rising Freshman Requirements	9th Grade	10th Grade	11th Grade	12th Grade
All students enrolled in regular 8 th Grade Math or scoring below 93% average in 8 th Grade Advanced Math. (*After test results: below 90% on the Math Placement test given at the end of 8 th grade year)	Algebra Part1 and Algebra 1 Part 2	Geometry	Algebra 2 Part 1 and Algebra 2 Part 2 or Algebra 2	Mathematical Reasoning or SDC Statistics
Guidelines prior to testing: 93% or above average in 8 th grade math. Students should have a satisfactory attendance record and a score of 4 on work ethic by 8 th grade math teacher. (*after test results: 90% or above on the Math placement test	Algebra 1 Honors Part 1 and Algebra 1 Honors Part 2	Geometry Honors and Algebra 2 Honors	Pre-Calculus Honors	AP Calculus
Students earning credit in Algebra 1 and scoring at "On Track or Mastered" on Math 1 EOC.	Geometry Honors	Algebra 2 Honors	Pre-Calculus Honors	AP Calculus

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.

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).

PHYSICAL EDUCATION

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.

G08H0150 Football Weightlifting 9-11

Prerequisite: 9th-11th grade football players

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

G08H0140 Strength and Conditioning for Freshmen and Sophomores

Prerequisite: Freshmen and sophomores only.

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

G08H0161 Intro to Strength and Conditioning for Freshmen Athletes

Prerequisite: Freshmen athletes only.

Weight agility training for male and female students.

G08H0121 Strength and Conditioning for Female Athletes

Prerequisite: Female athletes in grades 9-12

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

G08H0160 Strength and Conditioning for Women

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

SCIENCE

Science Course Sequencing

Rising Freshman Requirements	9th Grade	10th Grade	11th Grade	12th Grade
"A" in 8 th grade science, score of 4 on work ethic by 8 th grade Science teacher, and scoring at or above the 65 th national percentile on STAR Reading.	Honors Biology	Honors Chemistry	AP Chemistry or AP Biology or AP Physics	AP Chemistry or AP Biology or AP Physics
Students with a 93% or above in 8 th grade science who do not qualify for Honors Biology.	Honors Physical Science	Honors Biology	Honors Chemistry	AP Chemistry or AP Biology or AP Physics
Below 93% in 8 th grade Science class.	Environmental Science	Biology	Chemistry or Physics	

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.

G03H0010 Physical Science (Honors)

Prerequisite: 93% or above in 8th grade science, teacher recommendation.

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

G03H3320 Environmental Science

Prerequisite: Below 93% in 8th grade 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."

SOCIAL STUDIES**Social Studies Course Sequencing**

Rising Freshmen Requirements	9th Grade	10th Grade	11th Grade	12th Grade
	World History w/ Geography		U.S. History w/ Geography	Government/ Economics
	World History w/ Geography	Psychology or Contemporary Issues	U.S. History w/ Geography	Government/ Economics
93 or higher grade for the year in 8 th grade social studies, score of 4 on work ethic by 8 th grade Social Studies teacher, STAR Reading score at or above the 65 th national percentile	AP Human Geography	Psychology or AP Psychology	AP U.S. History	Honors Government/ Economics

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.

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.

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

G04H1720 Contemporary Issues/ Sociology

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

CAREER AND TECHNICAL EDUCATION

INTRODUCTION TO CAREERS

C25X0810 Career Advising and Planning

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

Career Advising and Planning occur in sequence after Career Awareness and Career Exploration.

ADVANCED MANUFACTURING

Machining Technology

C13H0520 Principles of Manufacturing

This course provides students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster. Throughout this course, students will learn to use a variety of hand tools, power tools, computer assisted and manually operated machines, and welders to complete assignments and projects. Students will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting.

Industry Certification opportunity:

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

Welding

C13H0520 Principles of Manufacturing (Description above)

C13H1220 Welding I

Prerequisite: Principles of Manufacturing

Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Proficient students will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control.

Industry Certification opportunities:

- Occupational Safety and Health Administration (OSHA 10)

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Veterinary and Animal Science

Veterinary and Animal Science

C18H1920 Agriscience (Counts as Science Graduation Requirement)

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

Industry Certification opportunity:

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

C18H2530 Fisheries & Wildlife Science (Applied Env. Science)

Prerequisite: Agriscience

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

Industry Certification opportunity:

- Ducks Unlimited; Ecology Conservation & Management

ARCHITECTURE AND CONSTRUCTION

Architectural Design

C17H1320 Architectural Design I

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

C17H1420 Architectural Design II

Prerequisite: Architectural Design I

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

Plumbing Systems--Mechanical Electrical Plumbing (MEP) Systems

C17H1520 Fundamentals of Construction

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

construction fields, and an outline the steps necessary to advance in specific construction careers.

Industry Certification opportunity:

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

C17H2320 MEP Systems

Prerequisite: Fundamentals of Construction

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

Residential & Commercial Construction

C17H1520 Fundamentals of Construction

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

Industry Certification opportunity:

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

Dual Enrollment Construction Technology Opportunities:

At TCAT Kingsport: Students can earn 120 hours per semester (and 225 hours for NCCER Core Industry Certification) towards their TCAT Diploma in Building Construction Technology (Total Clock Hours: 2160). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.

C17H0160 & C17H3160 TCAT Dual Enrollment Construction 1 & 2

Prerequisite: Fundamentals of Construction

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

Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Construction industry. Intended to prepare students for careers in construction by developing an understanding of the different phases of a construction

project from start to finish. Throughout this course, students will explore the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will complete projects in concrete and masonry, wood framing construction, and even install proper electrical wiring while safely employing tools and interpreting construction drawings to complete projects.

Industry Certification opportunity:

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

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.

EDUCATION AND TRAINING

Teaching as a Profession (K-12)

C32H3321 Introduction to Teaching as a Profession

C32H3321 Introduction to Teaching as a Profession

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

C32H0121 Teaching as a Profession I

Prerequisite: Intro to Teaching as a Profession

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

GOVERNMENT AND PUBLIC ADMINISTRATION

Leadership in Government / JROTC

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)- ROTC 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.

HEALTH SCIENCE

HEALTH SCIENCE

Nursing Services

C14H1420 Health Science Education

Health Science Education is the initial foundational course for all of the Health Science programs of study and designed to prepare students to pursue careers in Health Care. Upon completion of this course, students will be able to identify careers in health care related fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills.

C14H0920 Anatomy and Physiology

Prerequisite: Health Science Education

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

Industry Certification opportunity:

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

Sport and Human Performance

C14H1420 Health Science Education (Description above)

C14H0920 Anatomy and Physiology (Description above)

Therapeutic Services

C14H1420 Health Science Education (Description above)

C14H0920 Anatomy and Physiology (Description above)

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

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

Dual Enrollment Cosmetology Opportunities:

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

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

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

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

C19H0460 & C19H2360 TCAT Dual Enrollment Cosmetology 1 & 2

Prerequisite: Cosmetology 1

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

INFOMATION 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

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

Upon completion, students have the following dual credit opportunities:

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

Cybersecurity

C10H1121 Computer Science Foundations (Description above)

C10H1921 Cybersecurity I

Prerequisite: Computer Science Foundations

Cybersecurity I introduce cyber law, networking, Linux, and cyber security tools through various activities including hands-on labs in our cyber training range. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity concepts, identify

fundamental principles of networking, and network security, and be able to demonstrate how to implement various aspects of security within a computer network.

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.

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

Criminal Justice and Correction Services

C30H0020 Criminal Justice I

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

C30H0120 Criminal Justice II

Prerequisite: Criminal Justice I.

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

Industry Certification opportunity:

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

Marketing, Distribution & Logistics

Marketing Management

C12H2621 Introduction to Marketing and Entrepreneurship

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

C31H0020 Marketing and Entrepreneurship

Prerequisite: Introduction to Marketing and Entrepreneurship

Marketing and Entrepreneurship focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

Industry Certification opportunity:

CLEP Test: Principles of Marketing

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.

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.

Dual Enrollment Automotive Service Technology Opportunities:

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

C13H0361 & C13H1862 TCAT Dual Enrollment Automotive. 1 & 2

Prerequisite: Maintenance and Light Repair I (MLR I)

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



FRESHMEN ACTION PLAN

- Join clubs
- Participate in school sponsored events
- Be active in grade level competitions (ex. food drives, hall decorations, etc.)

Serve others

- Volunteer at an organization to explore your career interests
- THS recommends and recognizes students who complete 10 hours of community service each semester.
- Begin to build a mentor network
 - These are people that may be helpful in your job or career search

Develop a resume

- Keep a list of your academic, athletic, and community service experiences
- Make sure to document the dates and hours of community service

Be mindful of your grades

- Students should try to maintain a 3.0 GPA or better to stay eligible for the Tennessee Education Lottery Scholarship

Make sure that you are taking the classes required for graduation

Take a practice ACT test. ACT tutoring is available through LEAPS.

Choose classes that allow you to explore your interests and Program of Study

Get to know your counselor!

- If you are having trouble with a class, see your counselor.