

Tennessee High School

2022-2023 Freshman Course Catalog and
Information Guide



2022-2023 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.

Below is a summary of your graduation requirements at THS. 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!

GRADUATION REQUIREMENTS



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**

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	

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	Winter Season	Spring Season
Football	Boys and Girls Basketball	Boys and Girls Track
Boys and Girls Cross County	Boys and Girls Swimming and Diving	Boys and Girls Tennis
Boys and Girls Golf	Boys and Girls Wrestling	Baseball
Girls Soccer	Dance	Softball
Girls Volleyball	Cheerleading	Boys Soccer
Dance		
Cheerleading		

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. Please visit this site for more information: https://kidguardinsurance.com/uploads/Bristol_City_Sports_Summary_2021-2022.pdf?v=1622835483

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.

Alfa V

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.

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

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.

Chemistry Club + Science Bowl

Chemistry Club is for any student who loves chemistry. We make club t-shirts, celebrate Mole Day, and do fun chemical reactions. Some Chemistry Club members participate in the Tennessee Science Bowl, which is a statewide science competition.

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.

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).

French Club

TN High's French Club promotes and celebrates French language and culture within the school community as well as being of service to the wider Bristol by working with local assisted living facilities. Students who have had at least one semester of French or are currently enrolled in French are eligible to join.

Future Business Leaders of America (FBLA)

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

Firecracker Squad

The Firecracker squad is an all-inclusive cheer squad. The Firecrackers promote school spirit and cheer at different athletic events through the school year.

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.

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.

Motorcycle Club

We gather to discuss all things motorcycle along with safety and education.

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

Rachel's Challenge/Friends of Rachel

This club seeks to do GOOD on the campus, provide encouragement, and push away stereotypes and bullying from THS.

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**Student Ambassadors**

The Student Ambassador program is comprised of two groups of students; Junior Student Ambassadors and Senior Student Ambassadors. Students who are interested in participating in the program apply and interview for a spot in the fall of their junior year. Junior Ambassadors spend the spring semester receiving specific trainings related to classroom management, how to have difficult conversations and team/relationship building. During this time Junior Ambassadors also begin preparing lessons, games and discussions according to their syllabus for implementation during their senior year. Once a senior, Ambassadors are paired with a co-ambassador, placed in a freshman homeroom and begin teaching and building relationships with the freshman in their homeroom. Student Ambassadors deliver classroom lessons, play games and have intentional discussions with the students in their freshman homeroom for the duration of their senior year. Topics include but are not limited to the following: managing stress, healthy relationships, student success, time management, goal setting, career and college research, scheduling and more! Student Ambassadors participate in giving the 8th Grade Tours, CTE Rotations and Freshman Orientation.

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.

Teen Supporting Sustainability (TSS)

Students explore ways to better the environment.

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.

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 Players (Drama Club)

Drama Club supports the Spring Musical with fundraisers, including the Haunted House. Drama Club also has workshops that help grow students' skills and abilities. We also compete in various competitions.

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.

Viking Outdoors Club

Students are actively engaged in outdoor related activities, (such as biking, hiking...etc)

Voracious Viking Readers

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 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

1. 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

2. Welding:

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

3. Environmental & Natural Resource Management:

AgriScience (Science Graduation Req.)

Fisheries & Wildlife Science (Applied Env. Sci.)

Animal Science (Small & Large Animal Science)

Work Based Learning (Supervised Ag. Exp. SAE)

Architecture & Construction

4. 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)

5. 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

6. 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

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

Ind. Cert.: Adobe Certified Associate

Business Management & Administration

7. 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

8. 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-12Dual

Enroll: ETSU Found. Professions of Teaching

Dual Enroll: ETSU Exceptional Learners

Government & Public Administration

9. 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

10. 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

11. 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

12. 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

13. 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

14. Culinary Arts:

Culinary Arts 1

Culinary Arts 2

Culinary Arts 3

Ind. Cert.: OSHA10, ServeSafe Food Manager

15. 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

16. 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

17. 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

18. Cybersecurity:

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

19. 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

20. 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

21. 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

22. 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

23. 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)

24. 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*

Work Ethic Distinction

The Work Ethic 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.



TENNESSEE

Work Ethic Distinction Standards

1. Attendance Standard

- (1 pt.) Student has no more than 5 absences from school during the senior year.
- (3 pts.) Student has no more than 3 absences from school during the senior year.
- (5 pts.) Student has no more than 1 absence from school during the senior year.

2. Tardiness Standard

- (1 pt.) Student has no more than two unexcused tardies during the senior year.
- (3 pts.) Student has no more than one unexcused tardy during the senior year.

3. Discipline Standard

- (1 pt.) Student has no more than one discipline referral during the senior year.
- (2 pts.) Student has no discipline referrals during the senior year.

4. Overall Grade Point Average Standard

- (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 Standard

- (4 pts.) Student voluntarily presents written proof as being drug free.

6. CTE Coursework Standard

- (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 Standard

- (1 pt.) Student has competed in an approved regional level CTE competition during the senior year.
- (2 pts.) Student has competed in an approved state level CTE competition during the senior year.
- (3 pts.) Student has competed in an approved national level CTE competition during the senior year.



TENNESSEE

Work Ethic Distinction Standards

continued

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 Standard

- (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 the senior year.

11. Industry Certification Standard

- (3 pts.) Student has received a national industry certification during or before the senior year. (i.e., Snap-on Metering Certificate, NCCER Certificate, etc.)

12. College and Career Assessment Standard*

- (1 pts.) Student has achieved a Bronze Level Career Readiness Certificate or equivalent score on an accepted standardized test.
- (2 pts.) Student has achieved a Silver Level Career Readiness Certificate or equivalent score on an accepted standardized test.
- (3 pts.) Student has achieved a Gold or Platinum Level Career Readiness Certificate or equivalent score on an accepted standardized test.

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.

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

*Please see the Standard Guidelines page on tnworkethic.com for a list of accepted tests and score equivalency tables.

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 15th** 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.

Graduation Recognition – Students must complete **10** hours of service per semester. Documentation is due to the Counseling Office by **March 31st** 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 of all hours	

Semester 2

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

Semester 3

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

Semester 4

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

Semester 5

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

Semester 6

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

Semester 7

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

Semester 8

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

_____TOTAL HOURS

Community Service Recognitions

TN SCHOLARS

TN Scholars are high school students who have completed the TN Scholars Course of Study, a specific sequence of academic courses in math, science, language arts and social studies. Students must also have a good record of attendance and discipline along with 80 hours of community service.

Community Service Graduation Recognition

Students can be recognized at graduation if the complete and document 10 hours of community service EACH semester until their senior year. Documentation is turned into their counselor during the spring semester of their senior year.

TN PROMISE

Students must complete 8 hours of Community Service during their senior year of high school after the TN Promise deadline (November 2nd of their senior year). Senior will turn these hours in ONLINE at TNAchieves.org. For more information about the TN Promise, please visit the TN Promise website or the TN Achieve website.

Course Descriptions

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

Freshman Requirements	9 th Grade	10 th Grade	11 th Grade	12 th grade
All students not recommended for Honors.	English I	English II	English III	English IV
Students earning a score at or above the 65 th national percentile on the STAR Reading exam, score within the "On Track or Mastered" range on the 7 th grade TNReady exam, have an A or B average, and receive a 4 on work ethic by 8 th grade English teacher.	English I Honors	English II Honors	English III Honors OR AP English Language OR Dual Enrollment	AP English 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

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 Part 1 and Algebra 1 Part 2	Geometry Part 1 and Geometry Part 2 or Geometry	Algebra 2 Part 1 and Algebra 2 Part 2 or Algebra 2	Applied Math or Bridge Math 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 health, family life and physical education. The course also contains a segment of the required classroom hours that apply to Driver Education.

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.

SCIENCE

Science Course Sequencing

Freshman Requirements	9 th Grade	10 th Grade	11 th Grade	12 th grade
"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.	Honors Biology	Honors Chemistry	AP Chemistry or Pre-AP Biology II and AP Biology or AP Physics	AP Chemistry or Pre-AP Biology II and AP Biology or AP Physics
Students with a 93% or above in 8th grade science who do not qualify for Honors Biology	Honors Physical Science	Honors Biology	Honors Chemistry	AP Chemistry or Pre-AP Biology II and AP Biology or AP Physics
Below 93% in 8th 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

Freshman Requirements	9th Grade	10th Grade	11th Grade	12th grade
All entering freshman **Optional for 10 th grade/Required for graduation	World History w/ Geography	**World Languages	U.S. History w/ Geography	Government And Economics
Optional path for any freshman **Optional for 10 th grade/Required for graduation	World History w/ Geography	**World Languages Psychology or Contemporary Issues	U.S. History w/ Geography	Government And 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 **Optional for 10 th grade/Required for graduation	AP Human Geography	**World Languages Psychology or AP Psychology	AP U.S. History	Honors Government And Honors 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

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.

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 **AND** AWS SENSE Entry Level Welder (Tentative for Spring 2021)*

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.

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 **AND** 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

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.

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

Prerequisite: Introduction to Business and Marketing

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!

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.

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 avail

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.

C14H0920 Anatomy and Physiology

Prerequisite: Health Science Education, Biology (Co or Pre-requisite)

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

Nursing Services

C14H1420 Health Science Education (Description above)

C14H0920 Anatomy and Physiology (Description above)

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

Hospitality and Tourism Management

C16H1720 Hospitality & Tourism Management

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.

C16H1820 Hospitality & Tourism Management

This course builds on the foundations learned in Hospitality & Tourism Exploration and introduces new topics related to the marketing of service in the hospitality industry. Students will develop proficiency in economic awareness, the role of marketing in the industry, the components of 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.

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

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

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.

Cybersecurity

C10H1121 Computer Science Foundations (Description above)

C10H1921 Cybersecurity

Prerequisite: Computer Science Foundation

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.

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.

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.

Science, Technology, Engineering, and Mathematics (STEM)

Engineering

C21H0420 Principles of Engineering and Technology

This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain step 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

Automotive Maintenance & Light Repair

C20H0920 Maintenance and Light Repair I (MLR I)

This course serves as a foundation of safety skills and knowledge on becoming a professional service technician. Students explore career opportunities and requirements of a professional service technician and emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

C20H1020 Maintenance and Light Repair II (MLR II)

Prerequisite: MLR I

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.

SCHEDULE CHANGE GUIDELINES

Students wishing to request course changes must contact their counselor via email. **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 full 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.



FRESHMEN ACTION PLAN

Get Involved!

- 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.