STEM ACADEMY

Elective Options for 2021-2022 School Year

English
Journalism 1 & 2 (10-12)
Yearbook (10-12)
Ancient Literature, Virgil and Caesar (10-12)
Shakespeare (10-12)
Film Studies (11-12)
DE English 1010 (only for Seniors)
AP Research can replace English 4

Design Thinking - STEM
STEM 1 (required elective for new students) (all 9th)
STEM 2 (Engineering Focus) (10,11)
STEM 2 (Problem Solving Focus) (10,11)
(STEM 3) Scientific Modeling (11,12)

Math
Pre-Calculus, College Prep or Honors (11,12)
Dual Credit Statistics (11,12)
AP Statistics (11,12)
Honors Physics (11-12)
Applied Math Concepts, College Prep (12th only)
AP Computer Science (11,12)
AP Computer Science Principles (10-12)
AP Calculus AB (11,12)
AP Calculus BC (11,12)

Science
Anatomy and Physiology (11,12)
Astronomy (10-12)
Microbiology (11,12)
Honors Physics (11,12)
AP Environmental Science (11-12)
AP Physics 1 (11,12)
AP Physics C-M (11,12)
AP Biology /Honor Bio 2
AP Chemistry/Honors Chemistry 2

General Electives
Robotics & Automated Systems (11-12)
Intro to Philosophy: Humanities (10-12)
Peer Tutoring (11,12) application required
Physical Education (9-12)
Advanced PE (11,12)
Lifetime Wellness (9-12)

Social Studies
AP US History Combined Studies (11)
AP Comparative Gov't. & Politics (11-12)
AP European History (11-12)
AP Human Geography (9-12)
AP Psychology (11,12)
Dual Credit Psychology (11,12)

World Language
Latin 1
Latin 2
Honors Latin 3
AP Latin

Quest Courses (online)
Science Fiction Literature
Spanish 2
French 2
Chinese 2 (semester-long course)
Honors Organic Chemistry
Coding 2

Fine Arts
Visual Art 1 (9-12)
Advanced Art - 2D Design (10-12)
Advanced Art - 3D Design (10-12)
Advanced Art Drawing/Painting (10-12)
AP Studio Art: 2D Design (11,12)
AP Studio Art: Drawing (11,12)
AP Studio Art: 3D Design (11,12)
Vocal Music I (9-12)
Choral Ensemble (10-12)
Musical Theater (10-12)
Digital Music Production (10-12)
Concert Band: Woodwinds & Brass (9-12)
Percussion Ensemble (10-12)
String Orchestra (9-12)
Development of Rock and Roll (10-12)
Theater Arts I for Film and TV (10-12)
Advanced Theater Arts (11,12)

Career & Technical
Digital Arts and Design I (10-12)
Digital Arts and Design II (10-12)
Digital Arts and Design III (10-12)
Intro to Animation and Simulation (10-12)
Advanced Animation and Simulation (11,12)
Web Design Foundations 1 (9-12)
Web Design Foundations II (11-12)
Web Design Foundations III: Practicum (12)
Computer Science Foundations (All 9th)
Cybersecurity (10-12)
Cybersecurity 2 (11,12)
Coding 1 (10-12)
Coding 2 (11-12)
AP Computer Science Principles (10-12)
AP Computer Science A (11-12)

AP Capstone
AP Seminar (10-12)
AP Research (12)

AP Seminar plus AP Research, in addition to other AP courses = AP Capstone

Dual Enrollment Courses:
Contact your school counselor to see if you qualify. Here is the link to the Pellissippi course schedule
https://pellissippi.search.collegescheduler.com/ Also, you can access the link from their homepage under the Admissions drop down and then select course search.