



# ELI WHITNEY TECHNICAL HIGH SCHOOL SCHOOL PROFILE FOR THE CLASS OF 2023

100 Fairview Avenue  
Hamden, CT 06514

Phone: (203)397-4031

Fax: (203)397-4129

Website: <http://whitney.cttech.org>

CEEB Code: 070259

**School Principal:** Joseph DiNatale  
**Assistant Principal:** Natalie Willis  
**Assistant Principal:** Ronada Santell

**Director of Guidance:** Jeanne Willinsky  
**School Counselor:** Chris LeSieur  
**School Counselor:** Francisco Valdez

### Mission and Vision

The mission of Eli Whitney and the Connecticut Technical Education and Career System is to provide a world-class, unique and rigorous learning environment for high school students and adult learners that:

- Ensures both student academic success and career technical education mastery, as well as promotes enthusiasm for lifelong learning.
- Prepares students for post-secondary education, including apprenticeships and immediate productive employment.
- Engages regional, state, national and international employers and industries in a vibrant collaboration to respond to current, emerging and changing global workforce needs and expectations.
- Pursues and participates in global partnerships that provide CTHSS students with international exposure and experience

### The Eli Whitney Community

Serving 618 students from 13 surrounding towns, we are comprised of 51.9% Hispanic, 36% Black, 8.8% White, 2.5% Multi-Racial, .7% Asian & .1% Hawaiian/Pacific Islander with 47% female and 53% male gender breakdown. Eli Whitney is a Title I school with every

student receiving free/reduced breakfast and lunch.

### Academic Program and Learning Environment

Students and educators at Eli Whitney engage in traditional academic and trade curricula in state of the art classrooms and shop facilities. We offer students two distinctive cycles, one for academics and the other for trade technologies. If a student is in their trade cycle, they will primarily learn in their shop all day. Our technology ratio is better than 1:1, as every student is issued a Chromebook to access during and after the school day.

### Credits/ Graduation Requirements

- 30- Total credits needed for graduation
- 12- Career Technical Education
- 4- English
- 3- Social Studies, including Civics
- 3- Mathematics
- 3- Science
- 1- Physical Education
- 1- Health Education
- 3- Electives

Students are also required to complete a Senior Summative Assessment, meet District Performance Standards, complete a Senior Portfolio and attend school daily.

### Course Levels, Grading, GPA & Rank

The 2022-2023 academic program at Eli Whitney offers courses at Standard and Honors levels, with weighted grades ranging from 0-100. Our GPA is a reflection of the average of earned final grades with course weights added as needed. Upper-class students in good-standing have the opportunity to take concurrent college courses after the regular school day at Gateway Community College.

### **Standards Based Math and ALEKS**

Eli Whitney has implemented a standards based Math approach to our curriculum with the McGraw Hill ALEKS program supplementing teacher instruction. Student transcripts will only reflect a final Math grade at the completion of required assessments where students prove mastery of specific standards.

### **Trade/Technical Education**

Throughout the first half of freshman year, students rotate through all of our trades as part of our Exploratory process. During this time, students learn shop safety and get a sense of the work and tasks performed in each trade. Exploratory helps guide students through selecting their preferred trade for the rest of their high school experience. The trades offered at Eli Whitney include:

- Automotive Technology
- Carpentry
- Culinary Arts
- Electrical Technology
- Graphics Technology
- Hairdressing & Cosmetology
- Health Technology
- Informational Systems Technology
- Mechanical & Design Engineering Technology
- Marketing, Management & Entrepreneurship
- Plumbing & Heating
- Precision Machining Technology

All of our trades offer students a hands-on, project-based learning environment in conjunction with theoretical coursework. During junior and senior years, students must complete a Career Technical Education portfolio outlined in the Student Success Plan. The CTE portfolio includes a skills checklist, resume, academic and CTE accomplishments,

certifications, credentials, licenses, awards, written responses and reflections. Students graduate Eli Whitney prepares students for a career in their trade, additional post-secondary training or college matriculation. In addition to earning high school credits for graduation, our “College Now Program” with Gateway Community College allows students from certain trades to earn college credit for coursework completed at Eli Whitney.

### **Work Based Learning**

Work Based Learning (WBL) is offered as an extension of the career cluster/career pathway programs offered in the Career Technical Education (CTE) component of the school year. Career Technical Education WBL is offered in the trade/technology cycle to include and supplement the instruction scheduled during the school day. Students are allowed a maximum release from school time based on being either a junior or senior student. The experience may legally extend beyond the school hours. The student’s shop grade reflects input from the employer and the release time from school replaces the credit bearing time in the shop or at a production site. WBL may be extended to the academic cycle if the students schedule permits and they are a participating WBL student.

## Academic Courses

English I  
English II  
Honors English II  
English III  
Intro to Academic Writing UCONN ECE  
Creative & Non-fiction Writing  
Contemporary Lit of Our Lifetime  
Lang Arts Literacy Lab I  
Lang Arts Literacy Lab II  
Eng. Lang. Dev. I  
Eng. Lang. Dev. II  
Eng. Lang. Dev. III  
Eng. Lang. Dev. IV  
Black and Latino Studies  
World History  
Civics/American Government  
Hon. Civics/American Government  
Psychology  
Modern US History  
Law  
Contemporary Issues  
US HISTORY to 1877 UCONN ECE  
General Science 9  
Biology I  
Honors Biology I  
Advanced Topics in General Science 11  
Chemistry  
Honors Chemistry  
Forensics  
Anatomy & Physiology  
Math Grade 9  
Math Grade 10  
Math Grade 11  
Math Grade 12  
Math A  
Math B  
Elements & Principles of Art I  
Painting  
Studio Art  
Academic Access  
Student Leadership  
Senior Career Portfolio  
Junior Career Portfolio  
Physical Education I  
Physical Education II  
Strength & Conditioning  
Lifetime Activities  
Health I  
Health II  
Health III  
Health IV

## Trade Courses

Exploratory Rotation  
Intro to Automotive Tech  
Auto Systems Diagnostics  
Auto Emissions Controls  
Intro to Carpentry  
Cabinetry & Millwork  
Residential Construction  
Residential & Commercial Construction  
Intro to Culinary Arts  
Basic Food Service  
Operating a Restaurant  
Adv. Restaurant Operations  
Intro to Electrical  
Residential Wiring  
Residential & Commercial Wiring  
Residential, Commercial & Industrial Wiring  
Intro to Graphics  
Graphic Tech Production  
Graphic Tech Adv. Process  
Hairdressing & Cosmetology I  
Hairdressing & Cosmetology II  
Hairdressing & Cosmetology III  
Hairdressing & Cosmetology IV  
Intro to Health Tech  
Exploration of Health Tech Careers  
Nursing Assistant Certification  
Medical Assistant & Adv. Career Exploration  
Intro to Mech Design I  
Intro to Mech Design II  
Intro to Mech Design III  
Intro to Mech Design IV  
Intro to Plumbing and Heating  
Residential Plumbing  
Residential, Commercial Plumbing  
Heating Residential/Commercial Plumbing  
Intro to Precision Machining  
Precision Machining II  
Precision Machining III  
Precision Machining IV

\*\* Eli Whitney does not offer any foreign language options\*