



Whittier Regional Vocational Technical High School

Career & Technical Programs

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Our vision is to provide the best career technical and academic education in Massachusetts, empowering students to succeed in a safe and supportive environment in order to build a workforce for the region

25-20

Overview of State-Approved CTE Programs



State-approved CTE programs ensure students graduate:

- Prepare students with skills and credentials for workforce entry or further education
 - College-Ready
 - Equipped for post-secondary education
 - Career-Ready
 - Work-based learning experience
 - Technical skill proficiency
 - Industry-recognized credentials
 - Giving students access to jobs traditional grads aren't prepared for



Program Implementation and Operation

- Use CTE frameworks to guide instruction and ensure program quality
- Programs focus on both academic and technical skill development
- Include at least 900 hours of immersive learning
- Offer cooperative education with local employers

CTE School Funding

- State Chapter 70 Education Aid
- Federal Perkins funds based on CTE



Program Scope

Massachusetts recognizes

- 44 program areas
- Across 11 Career Clusters

Schools must follow the state approval process to start a CTE program

- Requirements include:
 - Licensure
 - Facilities and space standards
 - Program advisory councils
 - Admissions policies



State-Approved CTE Frameworks

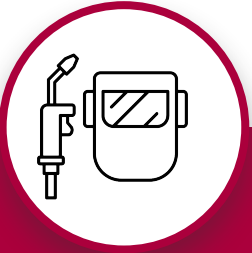


Each CTE framework includes a blend of six strands, including:

- Safety and Health
- Technical
- Academic - Academic/Technical Crosswalk
- Employability and Career Readiness Skills
- Management and Entrepreneurship
- Massachusetts Digital Literacy and Computer Science Framework



Existing Chapter 74 Programs



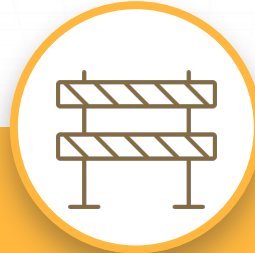
Manufacturing & Transportation

- HVAC-R
- Advanced MFG
- Metal Fab/Welding
- Auto Body
- Auto Tech
- Marine Service Technology



Allied Health

- Dental
- Assisting
- Health
- Assisting
- Medical
- Assisting



Construction

- Carpentry
- Electrical
- Masonry
- Plumbing



Technology

- CAD/Drafting
- Electronics/Robotics
- Engineering



Service

- Business Tech
- Cosmetology
- Culinary
- Hospitality
- Marketing

Potential CTE Chapter 74 Pathways



In 2022, 87% of Massachusetts high school CTE concentrators completed their CTE programs and participated in work-based learning.

- Criminal Justice/Public Safety
- Environmental Science/Sustainability
- Facility Maintenance Management
- Information Support Services and Networking
- Veterinary Science

Pathways were selected through

- Analysis of the Northeast Massachusetts Regional Labor Force Blueprint
- Entry level employment opportunities
- Post secondary pathways

Criminal Justice/Public Safety Massachusetts Career Outlook

Emergency Medical Technicians

4,360

Current Jobs

\$45,920

Median Wage

270

New Jobs

Public Safety Telecommunicators

2,610

Current Jobs

\$56,760

Median Wage

136

New Jobs

Environmental Science/Sustainability

Massachusetts Career Outlook

Agricultural Technician

407

Annual Openings

\$79,100

Median Wage

221

New Jobs

Facilities Maintenance Management

Massachusetts Career Outlook

First-Line Supervisors of Housekeeping and Janitorial Workers

3,574

Annual Openings

\$57,949

Median Wage

1,379

New Jobs

Information Support Services & Networking

Massachusetts Career Outlook

Computer User Support Specialists

18,741

Annual Openings

\$66,186

Median Wage

2,024

New Jobs

Database Architects

1,521

Annual Openings

\$141,357

Median Wage

531

New Jobs

Veterinary Science

Massachusetts Career Outlook

7,100

Annual Openings

\$51,536

Median Wage

700

New Jobs