



OUR CAREER & TECHNICAL PROGRAMS

The atmosphere in our Career and Technical Programs is one where students are learning from experienced and qualified instructors to acquire technical and academic skills for high-demand careers. Students at Keefe Tech gain a powerful competitive advantage by merging their robust academic education with their career and technical experience.

In their Career and Technical Programs, students set themselves apart by earning critical business and industry certifications, required licenses and college credits. Our graduates are prepared with the academic and technical skills necessary to enter into their respective careers paths as skilled technicians, or pursue additional education at a variety of colleges and universities.

KeefeRegional TechnicalSchool

South Middlesex Regional Vocational School District
750 Winter Street
Framingham MA 01702

Proudly serving the communities of
Ashland Framingham Holliston Hopkinton Natick

keefetech.org 508 416 2100
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ADMISSIONS

Adrienne Bogusky
Director of Guidance & Admissions
abogusky@jpkeefehs.org
508 416 2270

APPLY ONLINE
keefetech.go2cte.com

TRADUCCIÓN / TRADUÇÃO
508 416 2275



CAREER AND TECH PROGRAM GUIDE

**KeefeRegional
TechnicalSchool**
CHOICES | OPPORTUNITIES | RESULTS

WELCOME

Established in 1967, **Keefe Regional Technical School** is a coeducational, four-year high school, accredited by the New England Association of Schools and Colleges. Keefe Tech primarily serves students from the in-district communities of Ashland, Framingham, Holliston, Hopkinton, and Natick. With a student body of approximately 850 students, Keefe Tech offers both academic and career-focused programs.

Keefe's academic component provides students with a dynamic and comprehensive program to best guarantee success after high school. We offer a full College Preparatory and Honors Program, with opportunities for students to participate in Advanced Placement courses and Dual Enrollment courses at local colleges and universities. Our Career and Technical Program begins in grade 9 with Career Exploratory. Students select their area of study in one of our 16 Career and Technical Programs at the end of January in their grade 9 year and begin an alternating week schedule between Academics and Career/Technical Program at the start of their grade 10 year.

"Our mission is to challenge students to demonstrate the academic, technical, and interpersonal skills necessary for successful lifelong learning."

Keefe Tech provides an exceptional high school experience that prepares students to enter their respective career paths as skilled employees, or further their study at a variety of two and four-year colleges and universities. We encourage our students to make the most of their high school experience by discovering what they are passionate about.

Keefe Regional Technical School is committed to ensuring that all of its programs and facilities are accessible to all members of the public. We do not discriminate on the basis of age, color, disability, limited English proficiency, gender identity, housing status, national origin, religion, sex, or sexual orientation.

AUTOMOTIVE TECHNOLOGY

- Work on cars and trucks in a rapidly changing industry alongside Master Technicians
- Use computerized diagnostic equipment to troubleshoot and repair complex automotive systems
- Optimize operation and performance of domestic and foreign vehicles

CAREER FOCUS

Prepared for ASE Certification, immediate employment and further education



DENTAL ASSISTING

- Care for patients and interact with healthcare professionals in the dental industry
- Use professional medical equipment, technology and techniques in on-site dental assisting lab and clinical settings in MetroWest
- Practice skills to manage medical and dental emergencies, including all aspects of infection control and sterilization

CAREER FOCUS

Prepared for immediate employment, advanced certifications and further education



HEALTH CAREERS

- Care for patients and interact with healthcare professionals in a variety of simulated and actual clinical settings
- Use professional medical equipment, technology and techniques to improve patients' health and care
- Apply key healthcare concepts, skills and assessment procedures with patients

CAREER FOCUS

Prepared for immediate employment, advanced certifications and further education



LEGAL AND PROTECTIVE SERVICES

- Investigate simulated crime scenes, tag and process evidence, and use CSI forensic techniques
- Observe and work alongside local, state, and federal law enforcement agencies
- Identify and report relevant facts from simulated crime scenes and articulate the Constitutional rights involved in the scenario

CAREER FOCUS

Prepared for immediate employment, advanced certifications, and further education



CARPENTRY

- Construct a house from foundation to finish as part of a team of building professionals
- Utilize power tools, table saws and nailing equipment to create individual woodworking projects
- Interpret blueprints for residential and commercial settings

CAREER FOCUS

Prepared for immediate employment, certifications and further education



DESIGN AND VISUAL COMMUNICATION

- Express your unique artistic vision through illustration, design, computer graphics, video and digital photography
- Cultivate and enhance personal creativity and artistic abilities
- Create a professional portfolio for college and employment showcasing digital photography, print media and website design

CAREER FOCUS

Prepared with a professional portfolio for immediate employment and further education



HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION (HVAC/R)

- Install, service and maintain equipment used in environments, such as residential homes, schools, hospitals, restaurants and factories
- Dive into instruction related to electrical theory, the physics of heat and fluids, and formulas for heat load calculations using applied science and math skills
- Understand the basic design and engineering of heating and cooling systems

CAREER FOCUS

Prepare for immediate employment, advanced certifications and further education



METAL FABRICATION

- Manipulate the power of fire and electricity to create unique metal projects
- Use torches and advanced fabrication equipment to bend, drill, cut, join, build, assemble and repair metal components
- Experience modern welding techniques working with aluminum, copper, iron, steel and stainless steel

CAREER FOCUS

Prepared for immediate employment, advanced certifications and further education

COSMETOLOGY

- Express personal creativity using the latest techniques, trends and name-brand products
- Provide hair, nail and skincare services to clients in a full-service interactive salon and spa environment
- Work alongside professional cosmetologists to explore quality salon services and management

CAREER FOCUS

Prepared for state licensure, immediate employment and further education



EARLY CHILDHOOD EDUCATION & TEACHING

- Care for infants, toddlers and preschoolers alongside child care professionals
- Deliver fun learning activities in a child care center to prepare preschoolers for kindergarten
- Plan lessons that enhance a child's intellectual, social, emotional and physical development

CAREER FOCUS

Prepared for state licensure, immediate employment and further education



HORTICULTURE & LANDSCAPE MANAGEMENT

- Operate tractors, industrial mowers, trucks, and gas-powered seasonal equipment to maintain a 25-acre property
- Construct attractive floral arrangements, natural living displays and outdoor recreational spaces
- Work in a full-service greenhouse growing flowers, trees, vegetables, herbs, fruit and shrubberies

CAREER FOCUS

Prepared for immediate employment and further education



PLUMBING

- Install, repair and maintain piping systems and fixtures according to state codes
- Design and install gas, water, drainage and heating systems for the house building project
- Earn apprenticeship experience leading to a journeyman's license

CAREER FOCUS

Prepared for immediate employment, apprenticeship completion and further education



CULINARY ARTS

- Cook alongside professional chefs preparing delicious appetizers, soups, salads, entrées and desserts
- Create culinary masterpieces with fresh ingredients in a professionally equipped kitchen
- Operate a fast-paced, full service restaurant and bakery providing a unique dining experience

CAREER FOCUS

Prepared for professional culinary programs, immediate employment and further education



ELECTRICAL

- Install residential electrical wiring and components for the house building and community projects
- Power up a wide range of structures using blueprints to install residential and commercial wiring following the National Electrical Code
- Earn apprenticeship experience leading to a journeyman's license

CAREER FOCUS

Prepared for apprenticeship completion, immediate employment, advanced certifications and further education



INFORMATION TECHNOLOGY

- Build, upgrade, maintain, and troubleshoot smart phones, laptops, desktop PCs and network systems
- Diagnose and repair complex computers, network systems and hardware
- Configure software security programs that protect sensitive information in the ever-changing cyber world

CAREER FOCUS

Prepared for immediate employment, additional certifications and further education



PROGRAMMING AND WEB DEVELOPMENT

- Create, test, and implement games and apps using tools and software for web, iOS® and Android® platforms
- Work individually and in teams to program robots, develop custom software solutions and build dynamic websites
- Program in languages such as HTML, Python, C#, RobotC, Visual Basic and JavaScript

CAREER FOCUS

Prepared for immediate employment, advanced certifications and further education