

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



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



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



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

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



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



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



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