

Fall 2024

Introduction to Welding: 250-hour training | Dates & Times TBA

Trainees will learn MIG (GMAW, TIG (GTAW), and Stick (SMAW) welding, as well as oxy-acetylene cutting. Basic shop math and basic blueprint reading will be covered. Weld process training will help trainees master different weld styles. Students will obtain their OSHA 10 and Hotworks certificates.

Introduction to Construction 300-hour training. Dates & Times TBA

Students will learn the fundamental carpentry skills needed for an entry level position on a new residential or commercial new construction or renovation site. Course covers use of hand and power tools, assembly installation of common materials and fasteners in framing, plus interior & exterior finishes. OSHA 10 + other certifications

Solar Installer Training: 300-hour training | October 21-Mar. 6th; Mon-Wed. 4-8PM Saturdays 8-2PM

Training will build on solar energy, electricity, and safety fundamentals by training to work with wires, circuits, and panels. Components of learning will include how to install solar panels, roof and ground mount systems, inverters, and will provide an in-depth understanding of solar energy systems.

Winter / Spring 2025

Introduction to HVAC 300-hr. training | Late Jan. –early June. Mon.-Th. 5:30–8:30pm & 4 hrs. online.

Trainees will learn the fundamental skills needed to perform as an entry level technician in the HVAC and Refrigeration trade. Topics covered include: hand and power tools, identification & use of hazardous HVAC chemicals, skill development in joining pipe by both brazing and mechanical connections, installing manifold gauges and performing diagnostic testing.

Introduction to Auto Collision 300-hour training | Late Jan – mid-May. M – Th 4 - 8 pm & 4 hrs. online.

This course will teach safety in the auto body repair shop and the technical knowledge and skills to be ready for an entry level position as an auto collision repair technician. Topics include fasteners & vehicle construction, non-structural repair, metal straightening, plastic & composite repair, refinishing, and cleaning and detailing. I-CAR PRO-Level I Non-Structural Technician and I-CAR PRO-Level I Refinish Technician certificates.

Introduction to Automotive Technology: 300-hour training | Late Jan. – mid-May. M –Th 4 - 8 pm & 4 hrs. online.

Focus will be on practical training in the following areas: shop safety, review of hand & power tools and equipment, basic vehicle electrical safety, introduction to vehicle diagnostics & to brakes, basic vehicle maintenance, introduction to the auto business – accountability, quality and how mechanics are paid. Theory will be covered also; students will work on donated and customer vehicles in the shop.

Advanced Manufacturing for Multi-lingual Learners 320 hr. | Feb. 5th–late June. Mon.-Th 4–8pm & 4 hrs. online.

This class will cover the topics listed in the Intro to Adv. Manufacturing class above, but will be paced for English Language Learners. Will include language classes to learn industry concepts and vocabulary in English.

Medical Assistant Training: 300 hr. | Dates & Times TBA

Training will prepare students for the National Healthcareers Association Medical Assisting exam. Certifications include OSHA 10 safety and CPR/BLS. Clinical internship placement with Beth Israel Lahey or GLFHC.

Building Maintenance Technician Training: 300-hour training | Dates & Times TBA

Summer 2025

Introduction to Plumbing: 250-hour training. Dates & Times TBA

This course introduces basic plumbing tools, materials, and fixtures. Topics include standard tools, materials, and fixtures used in commercial and residential plumbing systems. Upon completion the students should be able to demonstrate an understanding of the basics of a plumbing system.

Introduction to Electrical 250-hour training. Dates & Times TBA

Learn the skills required for an entry level position in the electrical industry, such as safe use of hand and power tools, installation of electrical boxes, conductors, raceways and controls. Students will learn about the electrical code, how to read electrical prints and symbols, and how to become an electrical apprentice.

Introduction to Advanced Manufacturing 250-hour training. Dates & Times TBA

Prepare to work as a CNC Machine Operator through a fast-paced training focused on metrology and inspection skills, blueprint reading, basic machining shop operations and maintenance on conventional and CNC lathes and mills.

Introduction to HVAC 250-hour training. Dates & Times TBA- See description above

Introduction to Automotive Technology: 250-hour training. Dates & Times TBA- See description above