

## **Summer 2023**

**Introduction to Plumbing:** 235 hour training. June 26-Aug. 11 M-Th 8am-4pm; Fri. 8-12

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 | Daytime hours June 26 – Aug. 17. M-Th 8am-4pm + 2 hrs online/wk.

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** 300 hr. training June 26 – Aug. 22nd. M-Th 8am-4pm + 4 hrs online/wk.

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, math skills for machining and MasterCam.

**Introduction to HVAC** 250 hour training | June 26 –Aug. 16. M-Th 8am-4pm + 2 hrs. online/wk.

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 Automotive Technology:** 250 hour training | June 26<sup>th</sup> – Aug. 16. M-Th 8am-4pm + 2 hrs. online/wk.

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.