



**Career & Continuing Education  
Adult Education – Spring 2021  
Register Online: [www.ssreg.com/passaic](http://www.ssreg.com/passaic)**

**We are offering Apprenticeship Courses for our Spring 2021 Semester.  
Online Registration Only - opens January 8, 2021.  
Classes begin the week of March 1st.**

**Electricity 1B**

**Prerequisite – Electricity 1A**

(Continuation of 1A) The course is designed to enable students to gain an understanding of the electrical industry, while strengthening skills within the jobsite. This is the initial year of a four-year course of instruction and field study to produce technically competent professional electricians with Journeyman status (or its equivalency). - \$475  
(Cost does not include IEC Student Kits)

**Electricity 2B**

**Prerequisite: Electricity 2A**

(Continuation of 2A) The course is designed to gain an understanding on electrical grounding and bonding, AC theory, different transformers, and electrical motors. This is the second year of a 4-year course of instruction. - \$475  
(Cost does not include IEC Student Kits)

**HVAC I & II**

This 72-Hour course is for HVAC Apprentices who have completed less than 288 hours of the required 576 hours of HVAC related technical instruction. It covers the fundamentals of refrigeration including definitions and descriptions of terms, methods of heat transfer and refrigerants. Also covered are temperature and pressure relationship, gauge techniques, descriptions and function of the component parts of a system, motor and controls, system construction, piping techniques, charging, evacuation and leak testing system. - \$475

**HVAC III & IV**

This course is for HVAC Apprentices who have completed more than 288 hours of the required 576 hours of related technical instruction. It will cover the theory of all types of systems in commercial and industrial use. Low Voltage control systems, residential heating and cooling system, and commercial HVAC systems. Ice machines, recovery, reclaim, recycling, troubleshooting, control systems for commercial refrigeration systems and maintenance, basic heating controls for forced warm air systems. Including setting up and piping components, electrical components and their installation, testing, and troubleshooting air conditioning and refrigeration equipment. - \$475

**Plumbing I & II**

This 72-Hour course is for Plumbing Apprentices who have completed less than 288 hours of the required 576 hours of Plumbing related technical instruction. Related class instruction for all plumbing apprentices. - \$475

**Plumbing III & IV**

This course is for Plumbing Apprentices who have completed more than 288 hours of the required 576 hours of related technical instruction. Related class instruction for all plumbing apprentices. - \$475

**Welding Basic**

This Introduction class will give students instruction through lecture, demonstration a practical application in mig and tig welding and oxy and plasma cutting. - \$600

**Welding Advanced**

Students who have completed Basic Welding or have demonstrated proficiency in welding will learn T.I.G. (Heliarc), M.I.G. (metallic insert gas) and consumable arc welding operations in this course on both ferrous and non-ferrous metals. - \$600

**Please visit [www.ssreg.com/passaic](http://www.ssreg.com/passaic)**

**for updated information on classes and fees**