

UNION COUNTY VOCATIONAL-TECHNICAL SCHOOLS

1776 RARITAN ROAD
SCOTCH PLAINS, NJ 07076
PHONE 908-889-8288 X 304

WWW.UCVTS.ORG

**FALL SEMESTER STARTS:
SEPTEMBER 23, 2024 – DECEMBER 13, 2024
CLASS TIMES ARE 6:30-9:00 PM**

RESIDENTIAL PLUMBING DIAGNOSTICS PLUMBERS	M	\$ 220	An overview of troubleshooting techniques commonly used to identify and repair various situations in the residential plumbing industry.
BUSINESS LAW PLUMBERS	T	\$ 220	This course will develop the knowledge and understanding of business methods, responsibility to governing bodies such as the IRS, sales tax, payroll deductions, getting a paycheck, paying business taxes, and liabilities. In this course we will review, and practice forms, reports, and filings required by law, both personal and business-related.
AC/DC ALTERNATING & DIRECT CURRENT ELECTRICIANS / HVAC	W	\$ 220	The class starts with basic terms and applications of static, DC, and AC electricity. You will also study voltage, current, resistance, and power in production applications. Power vs. control in electrical circuits used throughout the industry will also be covered.
MOTOR CONTROL ELECTRICIANS / HVAC	TH	\$ 220	This class will review ladder diagrams, motor controllers, and components of motor control circuits, and local start-stop stations. The class will also cover DC motors and starters, class 2 wiring of control circuits per the NEC requirements. Students will also learn about sealing circuits, thermal, pressure, and temperature switches, and electrical interlocks. Topics also include: PC Board construction and repair, introduction to LD (LAD) PLC industrial motor control, solid state fundamentals for electricians.

OSHA 30-Hour CONSTRUCTION TRAINING ALL TRADES	M	\$ 220	<p>The class will cover: OSHA Construction focuses on Four Hazards (Fall, Caught-In/-Between, Struck-By, and Electrocutation) Protection from Crane Hazards, Steel Structure Hazards, Confined Space Hazards, Fire Hazard, Activities That May Cause MSD and RMD Injuries, Choosing and Using Appropriate PPE (Personal Protective Equipment); and more!</p> <p>A minimum of 15 students are needed for the class to run.</p>
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***A \$20.00 LATE FEE WILL BE CHARGED IF YOU DO NOT REGISTER BY
SEPTEMBER 19TH ***

***LOW ENROLLMENT CLASSES WILL BE CANCELLED WITHIN 24 HOURS OF THE
START DATE. 100% Refunds will be granted within the first week of class.**

**EMERGENCY/INCLEMENT WEATHER CLOSING INFORMATION - If Union
County Vocational-Technical Schools cancels an evening program due to weather or other
emergencies, it will be posted on the main webpage, www.ucvts.org or call 908-889-8288.**

There will be no classes held on the following night:

- **Thursday, October 3rd.**
- **Thursday, November 7th.**
- **Thursday, November 28th.**