

## UNION COUNTY VOCATIONAL-TECHNICAL SCHOOLS

1776 Raritan Road, Scotch Plains, NJ 07076

Phone 908-889-8288 x304

[WWW.UCVTS.TEC.NJ.US](http://WWW.UCVTS.TEC.NJ.US)

**FALL SEMESTER COURSES OFFERED SEPTEMBER 27 – DECEMBER 16, 2021**

**REGISTER BY SEPTEMBER 22, 2021 to avoid \$20.00 late fee**

BASIC PRINCIPLES OF PLUMBING  PLUMBERS	M	\$190	This course covers the principles and practical aspects of plumbing. Students will gain knowledge of basic plumbing systems layout and installation of plumbing, Hot water heating system, sanitation, and venting systems work, along with all the generic modules of health and safety, working relationships and energy efficiency, for the home and the work place.
PLUMBING CODE II  PLUMBERS	T	\$190	Requirement for all plumbing apprentices, emphasizing looking up, finding and understanding the code. A look at the inspector's side also will be covered. TEXTBOOK: National Standard Plumbing - Code 2009 Illustrated From Chapter 8 to the end.
STARTING YOUR OWN GENERAL CONTRACTING BUSINESS  ALL TRADES	W	\$190	Learn to start and operate a general contracting or subcontracting business. You will learn how to communicate with customers, conduct marketing, handle advertising, applying for the proper New Jersey licenses, how to get paid, and filing building permits.
ELECTRICITY FOR HVAC, A/C, REFRIGERATION II  HVAC-ELECTRICIANS	TH	\$190	Low pressure high pressure controls, thermostats and related components are covered Ohm's law, Ohm's meters, electrical schematics are all demonstrated in class. Series and parallel circuits are explained as well.
REFRIGERATION THEORY AND THE CYCLE  HVAC	W	\$190	Refrigeration Theory. Refrigeration cycle. Introduction of Super heat and Sub-cool.
INTRODUCTION TO WELDING  ALL TRADES	M	\$190	Hands-on sessions welding practice.

**All classes meet from 6:30 p.m. to 9:00 p.m.**

**There will be no classes held November 4, 24,25.**

**LOW ENROLLMENT IN CLASSES WILL BE CANCELLED WITHIN 24 HOURS OF THE START DATE**

**100% Refunds will be granted within the FIRST WEEK of class.**