

UNION COUNTY VOCATIONAL/TECHNICAL SCHOOLS

1776 RARITAN ROAD, SCOTCH PLAINS, NJ 07076

PHONE 908-889-8288 X 304 FAX 908-889-4940

WWW.UCVTS.TEC.NJ.US

WINTER SEMESTER STARTS JANUARY 17, 2017 – APRIL 7, 2017

A \$20.00 LATE FEE WILL BE CHARGED IF YOU DO NOT REGISTER BY JANUARY 9, 2017

CLASS TIMES ARE 6:30-9:00 PM

AUTO BODY WKSP	W	\$190.	Learn filing, sanding, masking, priming, rubbing out, finished coating. Acrylic/two-stage finishes will be discussed.
AUTO WKSP	TH	\$190.	Hands-on, all levels, learn to maintain your vehicles lights, tires, belts and hoses, lubrication, oil changes, engine system, steering, suspension, brakes, etc.
ELECTRICITY for HVAC	M	\$190	This course will cover electrical safety, basic electrical theory for direct and alternating current. Understanding electrical wiring and schematic diagrams for residential heating and air conditioning equipment will also be covered. No prerequisites required.
SAFETY RULES,PRACTICES & MATERIALS FOR HVAC	W	\$190	Personal safety and work practices, personal protective equipment, handling pressurized fluids, handling hazardous substances, hand and power tools, and equipment used to test and service heating, air conditioning, and refrigeration equipment.
ENERGY MANAGEMENT	TH	\$190	Introduction to energy conservation. Supply-demand data, energy economics, investment analysis and energy legislation.
MECHANICAL CODE	T	\$190	Design, installation and inspection principles for boilers, water heaters, pressure vessels, ventilation, permits, and testing.
PLUMBING CODE 1	W	\$190	Requirement for all plumbing apprentices, emphasizing the looking up, finding and understanding of your code. A look from the inspector's side also will be covered. It will help to understand the plumbing code with a sub code official's knowledge also. TEXTBOOK: National Standard Plumbing - Code 2009 Illustrated
PLUMBING CODE REVIEW	TH	\$190	Requirement for all plumbing apprentices, emphasizing the looking up, finding and understanding of your code. A look from the inspector's side also will be covered. Pre-requisite Plumbing Code I.
COMMERCIAL WIRING II	T	\$190	A continuation of Commercial Wiring 1 picking up were the first class left off. The students will receive lessons in Feeders, Panel Board Selection and Installation, Electrical Service, Stand-by Power Systems, and Over-current Protection. The students will also have discussions about job sites and the National Electrical Code as part of their continuing apprenticeship.
HEATING 2 - ELECTRICAL	W	\$190	Residential heating electrical concepts to include: Schematic diagram reading for boilers and furnaces, understanding controls and sequence of operation. No prerequisite is required.

SMALL ENGINES	M	\$190	This course will teach the students preventive maintenance of small engines. Learn how to troubleshoot problems, to change oil, filters, work on carburetors, and also how to sharpen blades. In addition, learn to upkeep small engines such as lawnmowers, snow blowers, etc.
GAS & ARC WELDING	M	\$190	This class is an introduction to oxyacetylene gas welding and cutting, including component nomenclature, component function, safety in cutting and welding. You will also learn an introduction to arc welding including component nomenclature, component functions, electrode selection, safely in arc welding and the essentials of various configurations of mild steel plate in flat, horizontal and vertical positions. This is a hands-on class. (Enrollment will be limited).
WELDING, BRAZING, SOLDERING	TH	\$190	This course covers safe set-up and use of the oxyacetylene outfit for welding, brazing, soldering, and burning. Covered also will be proper flame adjustment and the difference between welding, brazing, and soldering, and their consumables and fluxes. This is a hands-on class. (Enrollment will be limited).
WELDING WORKSHOP	T	\$190	You will learn new phases of welding. During phase 1, students will be exposed to Tungsten Inert Gas theory through lecture, discussion and demonstration. The course will also include practices involving skills and techniques of TIG welding. Phase 2 will introduce the student to the techniques and skills involved in Gas Metal Arc welding. Emphasis will be placed on lecture, demonstration, trouble-shooting and practical application of learned skills in G.M.A.W. This is a hands-on class. (Enrollment will be limited).
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***ALL CLASSES 12 SESSIONS UNLESS OTHERWISE NOTED.
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.tec.nj.us. Radio media will also be informed of the closing 101.5 FM, 98.3 FM, 1450 AM, 880 AM, and on television at News Channel 12.

There will be no classes held on the following nights: 2/20