CONSTRUCTION TRADES

BASIC CARPENTRY SKILLS

You will be introduced to the basic skills required to be an entry-level carpenter. Practical skills will include knowledge and safe operation of hand and power tools, terminology of materials and nail codes. In addition, blueprint reading techniques will be reviewed. 15 classes

CTR2000
A: 09/26 – 01/30    Th    6:30 PM – 9:30 PM
B: 03/05 – 06/18    Th    6:30 PM – 9:30 PM
Location: WTC        Tuition: $975

Additional requirements: steel toe shoes and safety glasses are required. A basic tool list will be supplied on the first night of class.

BLUEPRINT READING

Are you in the construction field or ready to enter it? Blueprint reading is an essential skill to add to your career. A licensed architect will teach you how to read and understand building plans. You will obtain the necessary skills to design, construct and purchase the correct quantity of material for your project. 16 classes

CTR1000
A: 09/24 – 12/03    T/Th    6:30 PM – 9:30 PM
B: 03/24 – 05/21    T/Th    6:30 PM – 9:30 PM
Location: BTC        Tuition: $640

ELECTRIC 1

This comprehensive course will prepare you for entry into the Electric field. Topics will stress the fundamentals of basic electrical theory and hands-on experience as it relates to residential wiring. Ohms Law, calculations, wiring methods and content leading towards the introduction of commercial applications will be covered. To be successful in this course, it is recommended that you have a strong background in basic math and elementary algebra. You will be provided with a list of hand tools that must be purchased at a cost of approximately $300. 26 classes

CTR4010
A: 10/15 – 01/30    T/Th    6:30 PM – 9:30 PM
Location: MTC        Tuition: $1,040

ELECTRIC 2

Prerequisite: Electric 1 (CTR4010) or basic knowledge of NEC and prior trade or school experience. This course introduces AC theory as it relates to single and three-phase commercial and industrial wiring methods. This curriculum includes motor and transformer theory and DC logic controllers. Hands-on applications will be applied to all theory covered. 29 classes

CTR4020
A: 02/25 – 06/09    T/Th    6:00 PM – 9:00 PM
Location: MTC        Tuition: $1,200

CONTINUING EDUCATION
Plumbing 1 prepares you to enter the plumbing field. You will learn basic repairs, installing faucets, sinks, water closets and bathtubs. The theory of soldering and cutting cast iron will also be reviewed. Throughout the course, you will learn and utilize the proper terminology related to the plumbing field. A hands-on application in a shop setting will allow for practical learning experience.  

CTR5000
A: 10/16 – 01/08  W  6:30 PM – 9:30 PM  
B: 04/15 – 06/17  W  6:30 PM – 9:30 PM  
Location: MTC  
Tuition: $600  

Additional requirement: a list of required tools will be given on the first night of class.

Plumbing 2 (CTR5010). This expanded course covers the roughing and finishing of domestic plumbing systems. You will learn how to remodel and renovate existing plumbing systems, cutting and threading of pipe and the proper procedures for installing gas water heaters. NYS plumbing codes and licensing requirements will be discussed.  

CTR5010
A: 01/22 – 04/01  W  6:30 PM – 9:30 PM  
Location: MTC  
Tuition: $600  

Additional requirement: a list of required tools will be given on the first night of class.