

Mechanical Contracting Industry Council of New Jersey

211 Mountain Avenue, Springfield, New Jersey 07081 0390

Tel: 973 912 0042 Fax 973 912 0043 Email: mcanjinfo@mcanj.org

Fall 2019 MCIC Educational Offerings

Basic Refrigeration | September 17, 24 and October 1, 8, 15, 22

6 Sessions – Tuesdays, September 17, 24 and October 1, 8, 15, 22

Instructors: Frank Raimondi & Dennis Arana, United Cooling & Refrigeration

This is a basic beginner's course. Upon successful completion, the student will understand the basics and general relationship of Refrigeration. This course is practically oriented rather than technically oriented. Some topics that will be discussed in this class are: Definitions, Refrigerants, Calibration, Temperature Ranges, Principles of Refrigeration, Components and Systems, plus much more.

Basic HVAC | November 12, 19, 26 and December 3, 10, 17

6 Sessions, Tuesdays, November 12, 19, 26 and December 3, 10, 17

Instructors: Frank Raimondi & Dennis Arana, United Cooling & Refrigeration

This is a basic beginner's course. Upon successful completion, the student will understand the basics and general relationship of HVAC systems and components. This course is practically oriented rather than technically oriented. Some topics covered will include: Definitions, Heat Transfer, Heating Principals; Components, and Systems, Air Conditioning Principals; Components and Systems, System Sizing, Controls; Testing and Balancing.

Blueprint Reading & Estimating | September 18, 25 and October 2, 9, 16, 23

6 Sessions, Wednesdays, September 18, 25 and October 2, 9, 16, 23

Instructor: John Corallo, Binsky & Snyder, LLC

This course will incorporate the fundamentals of Blueprint Reading and proceed into Estimating for Mechanical Contracting. Some of the topics covered will include: Terms, Symbols, Specification Reading, Isometric Drawings, Examination of Bid Documents, Pricing & Assembling the Bid.

Plumbing Systems & Project Management | September 19, 26 and October 3, 10, 17

5 Sessions, Thursdays, September 19, 26 and October 3, 10, 17

Instructor: Daniel O'Gorman, Daniel O'Gorman, LLC

Learn to understand and manage plumbing systems using the latest addition of adopted codes; New Jersey Uniform Construction Code (UCC), National Standard Plumbing Code, International Mechanical Code and International Fuel Gas Code. Topics to be covered include: Drainage Waste and Vent (DWV) systems, Hot and Cold Water Systems, water heaters, backflow cross connection control, natural gas systems, medical systems, storm water systems, Hospital/Medical Care Facility, Barrier Free and American Disabilities Act (ADA). Specifications, drawings, schedules, substantial completion and communicating with plumbing inspector will also be highlighted.

American Red Cross - Standard First Aid, CPR & AED | December 2

Monday, December 2 – 4:00-10:00 p.m.

This course will be taught by a Red Cross instructor and will cover all aspects of First Aid, CPR, & AED. Because of American Red Cross regulations, space in this class is limited.

REMINDER: Attendees must be journeymen, must be employed by a contributing contractor to the Mechanical Contracting Industry Council and must be in good standing with their Local Union.

Fall 2019 MCIC Educational Offerings

Enrollment Application

Eligibility

Attendees must be journeymen, must be employed by a contributing contractor to the Mechanical Contracting Industry Council and must be in good standing with their Local Union in order to participate in this program.

Enrollment

Select the course(s) you would like to attend by checking the box placed before the course. You must obtain your employer's approval with his signature. Send your completed form by fax (973-912-0043) or e-mail (mcanjinfo@mcanj.org). On-line registration is also available at <http://www.mcicnj.org/application/>

Tuition, Fees and Certificates

All tuition and fees will be paid by the Mechanical Contracting Industry Council. Accepted applicants are **required** to attend all scheduled sessions. Certificates will be given at the end of the course to all those meeting the attendance requirement. Should an attendee expect to miss any class, he/she **must** either call (973-912-0042) or email (pshaughnessy@mcanj.org) the MCIC office prior to the start of that particular class.

Class Location and Time

Classes are held at the MCIC office, 211 Mountain Avenue (Side entrance), Springfield, NJ 07081-0390 from 7:00-9:30p.m., unless otherwise specified in the course description.

Email your completed Enrollment Application to mcanjinfo@mcanj.org or fax to 973-912-0043

All fields below are REQUIRED. All correspondence, including class confirmation, will be sent via email.

Please select

- ☐ **Basic Refrigeration:** 6 Tuesdays, September 17, 24 and October 1, 8, 15, 22
- ☐ **Basic HVAC:** 6 Tuesdays, November 12, 19, 26 and December 3, 10, 17
- ☐ **Blueprint Reading and Estimating:** 6 Wednesdays, September 18, 25 and October 2, 9, 16, 23
- ☐ **Plumbing Systems and Project Management:** 5 Thursdays, September 19, 26 and October 3, 10, 17
- ☐ **American Red Cross Standard - First Aid, CPR & AED:** 1 Session, Monday, Dec. 2, 2019 – 5:00pm-10:00pm

Applicant's Information

Full Name:

Email Address:

Preferred Number:

Employer's Information

Employer's Name:

Employer's Address:

Employer's Phone:

Your Present Position:

How Long:

Approved by (Your Employer's Name and Title):