

Training Courses Available Through

The Mechanical Contracting Industry Council of New Jersey

We encourage all members of Local 475 to take advantage of the courses offered by the MCA. They will improve your knowledge of the trade, as well as creating the potential for increased work opportunity.

Enrollment Select the course(s) you would like to attend by checking the box placed before the course description and fill out the portion of the form. Be sure to get your employer's approval with his signature. If you are currently not working, contact Business Manager Michael Mulvaney and he can make the arrangements on your behalf. Mail, fax, or e-mail the completed form below to the MCA office as soon as possible. **The courses are listed below.**

Mailing address MCICNJ – 211 Mountain Avenue, P.O. Box 390, Springfield, NJ 07081
FAX (973) 912-0043 E-MAIL mcanj@aol.com

Where and When All courses will be held in the classroom facility at the MCA offices
MCA – New Jersey – 211 Mountain Avenue, Springfield, NJ
All classes will be from 7pm – 9:30pm unless otherwise noted.
Accepted applicants are expected to attend all scheduled sessions.

Fall Term – 2009

- **[] Plumbing Systems & Codes** 10 Sessions – Thursdays
Oct. 8, 15, 22, 29 Nov. 5, 12, 19 Dec. 3, 10, 17
No class held Nov. 26th Thanksgiving Day

Once again, the textbook will be the latest illustrated edition of the New Jersey Plumbing Code. Topics covered include: Storm & drainage systems, Venting hot & cold water systems, Natural and medical gas systems, Acid waste systems, Water softening, Hot water heaters, Heat reclaim systems, Plumbing materials, Hospital plumbing.

Instructor: Daniel M. O’Gorman, Daniel O’Gorman LLC

Fall term continued next page

➤ [] **Basis HVAC**

6 Sessions – Tuesdays

Oct. 13, 20, 27 Nov. 10, 17, 24

No class held Nov. 3rd Election Day

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 & systems, Air conditioning principals components & systems, System sizing, Controls testing and balancing.

Instructor: Frank Raimondi, United Cooling & Refrigeration Inc.

➤ [] **Pneumatic-Electric Controls**

6 Sessions – Wednesdays

Oct. 7, 14, 21, 28 Nov. 4, 18

No class held Nov. 11th Veterans Day

This course is intended to provide an understanding and working knowledge of all temperature controls used in the industry today. Topics will include: Pneumatic theory, Transmitters, Thermostats, Controllers, Air distribution systems, Compressors, Tubing practices control application, Electric modulating controls, Trouble shooting.

Instructor: Roy C. Venckus, Charles F. Connolly Dist. Co.

➤ [] **American Red Cross Standard First Aid**

2 Sessions – Mondays

Nov. 16, 23

Special Time: 5:30 to 9:30 PM

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

➤ [] **Blueprint Reading & Estimating for**

6 Sessions - Mondays

Mechanical Contracting

Oct. 5, 12, 19, 26 Nov. 2, 9

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.

Instructor: Ralph Russomano, August Arace & Sons Inc.

[Application for Fall Term](#) next page

Application

Fall – 2009 – MCIC Education Program (Please fill out this form completely)

Name _____

Present Position _____ **How long** _____

Home Address _____

Home Phone _____ **Cell Phone** _____

Employer _____

Employers Address _____

Employers Phone _____

Approved by _____

(Employers signature)

- Plumbing Systems & Codes
- Basic HVAC
- Pneumatic-Electric Controls
- American Red Cross Standard First Aid
- Blueprint Reading & Estimating for Mechanical Contracting

Please provide your complete address so that the Completion Certificate can be mailed to you