

Metro NY Chapter RSES HVAC Training Courses

The Metropolitan New York Chapter RSES will offer the RSES Technical Institute Courses – 1, 2 & 3 on Tuesday & Thursday evenings, starting January 13th, 2015 in Long Island City, New York

Dates*: For 11 weeks on Tuesdays & Thursdays

1/13 & 1/15 1/20 & 1/22 1/27 & 1/29

2/3 & 2/5 2/10 & 2/12 2/17 & 2/19

2/24 & 2/26 3/3 & 3/5 3/10 & 3/12

3/17 & 3/19 3/24 & 3/26

**Dates Tentative – Subject to Change*

Time: 6:00 PM – 10:00 PM

Location: Long Island City High School
14-30 Broadway
Long Island City, NY 11106

Cost for Course 1, 2 or 3:

\$849.00 for RSES members

\$949.00 non-RSES members (also includes 1 year membership in RSES)

Includes: Technical Institute course manual, course tuition, Certificate of Completion after passing final exam, 72 hours toward NATE Recertification, for those eligible.

Register by January 5th by calling, mailing or Emailing the form below

FOR ADDITIONAL INFORMATION VISIT:

<http://www.metronyrses.org>

or Email: school@metronyrses.org

or Phone Stan Hollander: 718 232-6679

by Mail: Metro NY Chapter RSES

Attn: Stan Hollander, 1837 61st Street, Brooklyn, NY 11204

--Checks and Charge Cards Welcome --

Please make checks payable to "Metro NY RSES"



TRAINING COURSE OVERVIEWS

TECHNICAL INSTITUTE COURSE 1

This course begins with a comprehensive introduction to refrigeration and air conditioning. Topics covered include: basic physics, major system components including hermetic, semi-hermetic and open compressors, condensers, evaporators and refrigerant metering devices. It also covers the fundamental concepts of electricity and magnetism as they pertain to resistors, resistance, conductors, power supplies, circuit protection devices and transformers. Detailed information on lessons and content for Course 1 can be found at:

<http://metronyrses.org/ti1.html>

TECHNICAL INSTITUTE COURSE 2

Beginning with tools-of-the-trade this course covers refrigeration system accessories, desiccants and driers, defrosting methods, refrigeration system controls and piping. It also includes instruction on compressor replacement and system evacuation, electric motors in refrigeration systems, motor capacitors and protectors, thermostats, relays, contactors and starters, test equipment and troubleshooting, pressure and enthalpy diagrams, psychrometrics, heat transfer and estimating heat loads, residential air conditioning, humidification and a review of safety codes. Detailed information on lessons and content for Course 2 can be found at:

<http://metronyrses.org/ti2.html>

TECHNICAL INSTITUTE COURSE 3

Begins with comprehensive introduction to heat pump theory, including water-source heat pumps. Topics covered include computer-room environmental control, economizers, fans and blowers, air filtration and distribution evaporative condensers and cooling towers, water treatment, multiple-rack systems, hydronics, troubleshooting, controls and controls components, pneumatic relays, typical control applications, and control maintenance. Detailed information on lessons and content for Course 3 can be found at:

<http://metronyrses.org/ti3.pdf>

-----DETACH & RETURN THIS SECTION WITH PAYMENT -- **BE SURE TO KEEP COPY FOR YOUR RECORDS** -----

REGISTRATION FORM

Name: _____ Company: _____

Address: _____ City: _____ State: _____ Zip: _____

Email: _____ Phone: _____

Check / Credit Card Number: _____ Exp: _____

Name on Credit Card: _____

Which course are you registering for? Technical Institute Course 1, 2 or 3 Choose ONLY ONE _____

Are you a current RSES Member: If Yes, RSES Membership Number: _____

Please register by January 5th - space is limited.

Check or Credit Card Accepted for Payment

Make check to "Metro NY RSES" and mail w/ registration to: Metro NY RSES, Attn: Stan Hollander, 1837 61st Street, Brooklyn, NY 11204

To register by Email submit this form with Credit Card information to school@metronyrses.org