



ILCO

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MOTOR BASICS SEMINAR

Wednesday, June 28, 2017 AM

The seminar is based upon the Century Motor Mastery University training program

Topics

I. Basic Principles of Electric Motors

- Magnetism, Electricity, Work/ Power, AC & DC current

II. Motor Construction

- Rotor, Stator, End Bells, Bearings, Insulation, Enclosures, Name Plate

III. AC Induction Motors

- Single and Three phase—Shaded Pole, PSC, Split Phase, Capacitor, Start, ECM

IV. Selecting the proper motor for the job

- How to determine which motor to use.

V. Motor Replacement—how to identify and replace a motor without a nameplate

- Determining factors

VI. On-Line Resources

- Cross Reference, additional technical information, drawings and more

VII. Motor troubleshooting guide and installation checklist

- Handy card for service techs to keep in their tool box, van or pocket

VIII. Questions and Answers

- Common concerns and challenges that service techs face on a regular basis.

Date: Wednesday, June 28, 2017

Time: Check in: 8:30 AM

Seminar: 9:00 AM-12:00 PM

Place:

IUOE Local 399 Office and Training Center

2260 S. Grove Street

Chicago, IL 60616 Parking Available

Class Fee:

Contributing Member: No Cost

Non-Contributing Member: \$50

Non-Member: \$100

Any Questions Contact: Education Department at 312-372-9870 Ext. 4000

Seating is Limited, Pre-Registration is Required

Download Registration form at www.iuoe399.org