

# Eastern Heating & Cooling Council

*Training for the HVAC Professional*

## ECM Motors Training

This four-hour seminar is designed for the entry-level and seasoned service technician. It will provide the technician with a basic understanding of how a variable speed motor works and how to diagnose and troubleshoot various issues. Topics will include the differences between a motor problem compared to a control circuit problem, utilizing the "Go or No Go" method and the solid-state control method. The class will also explore some duct designs and airflow issues that are problematic with today's duct systems. **Technicians earn 4 NATE CEHs toward all specialties for completing this course and/or 2 BPI continuing education credits.**



### Course Topics Include:

- Constant Airflow
- Static Pressures
- Pressure Limitations
- Filter Loading
- PWM Frequency
- RMP
- Torque
- Electronic Inverter
- Power Shedding
- Back or Counter EMF

### Class Date:

**Class Time: 4:00 pm – 8:00 pm**

**Registration Fee: \$125**

**EHCC Member Fee: \$75**

### Registration Fee Covers:

- Certificate of Attendance
- Troubleshooting Manual
- TECMate Diagnostic Tool  
(a \$49.95 value - FREE!!)
- Dinner

To enroll, call toll free 1-800-247-6547, or FAX us at 1-856-608-0923  
Ask about our special in-house training rates!