

75 HR FIRE ALARM COURSE

This course covers the key aspects of the following:

- * National Electrical Code
- * National Fire Alarm Code
- * The five basic fire protection goals
- * Review the most common types of fire alarm systems including the advantages and disadvantages of each
- * Most common fire alarm system components and how each component works
- * The most common initiating and notification devices and how they work
- * Proper location of initiating & notification devices

Begins January 31, 2024

\$1,050.00 (plus books)

15-HOUR Mandatory Continuing Education for A, B, C, D, and E LICENSE RENEWAL

APPROVED IN MA, RI, NH, ME, VT.

This 15-hour course reviews the changes to the current edition of the National Electrical Code as well as Massachusetts amendments. We offer this course weekends, weekdays and evenings.

Please Call for Dates and Tuition Fee

6-HOUR PROFESSIONAL DEVELOPMENT COURSES

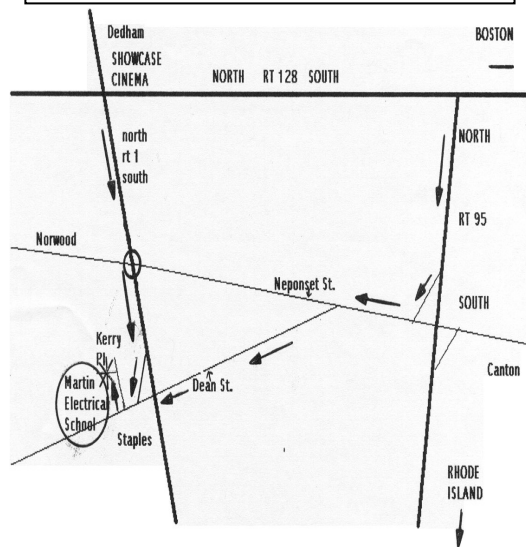
- * NFPA 70E: Standard for Electrical Safety in the Workplace—Arc Fault / Arc Blast
- * MA State Building Code for Electricians
- * NFPA 72: National Fire Alarm and Signaling Code
- * Article 220 Load Calculations
- * Grounding and Bonding
- * Estimating Fundamentals
- * Wire Pulling
- * Pipe Bending
- * NEC for Photovoltaic Systems

Please Call for Additional Topics, Dates and Tuition Fee

"Dedicated to providing quality technical training services to the electrical industry"

We also offer the following services:

- * **Tuition payment plans**
- * **In-house training**



ALL COURSE STARTING DATES AND TUITION FEES ARE SUBJECT TO CHANGE. PLEASE CALL TO CONFIRM

MARTIN ELECTRICAL & TECHNICAL SCHOOL

130 KERRY PLACE

NORWOOD, MA 02062

PHONE: 781-769-2376

FAX: 781-440-9555

MartinElectricalSchool.org

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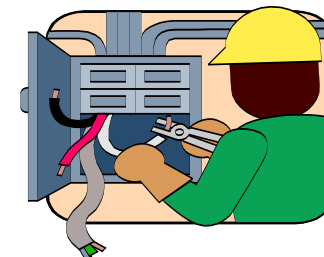
Norwood, MA

781-769-2376

2023/2024

SCHOOL INFORMATION AND COURSE LISTING

- * **Licensed by the Massachusetts Division of Professional Licensure's Office of Private Occupational School Education**
- * **Approved by the Commonwealth of Massachusetts Board of State Examiners of Electricians**
- * **Approved for the Training of Veterans**





Leo F. Martin
Founder



Leo F. Martin, Jr
School Director

600 HOUR JOURNEYMAN ELECTRICIAN CERTIFICATE PROGRAM

This certificate program is intended for the beginner who has no formal training in electrical theory or code. These courses cover the different concepts relating to electrical theory and code and provide many practical examples of common tasks the electrician must perform. This program meets the Commonwealth of Massachusetts Board of Examiners of Electricians requirement of the completion of 600 hours of approved education in order to be eligible to sit for the Journeyman Electrician licensing Exam.

This is a four course program.

150-hrs each

J-1 Monday 5pm—10pm 34 weeks
J-2 Tuesday 5pm—10pm 34 weeks
J-3 Wednesday 5pm—10pm 34 weeks
J-4 Thursday 5pm—10pm 34 weeks

**Semesters begin September 2023
& January 2024**

\$2,100.00 (plus books) PER 150-hr course
Discounts and Payment Plan Available

JOURNEYMAN ELECTRICIAN LICENSE EXAM PREP COURSE

A review of the Massachusetts Electrical Code and electrical theory. This course is intended to prepare the student to take the Journeyman Electrician licensing exam.

Courses meet:

September 2023, January 2024 & June 2024:

Mon & Wed 6pm—10pm 9 weeks

March 2024:

Tue & Thu 6pm—10pm 9 weeks

Cost: \$750.00 (plus books)

150 HOUR MASTER ELECTRICIAN LICENSE CERTIFICATE COURSE

This certificate course is designed for the licensed journeyman electrician who desires to sit for the Master Electrician licensing exam. It includes an in depth coverage of the National Electrical code and Massachusetts amendments, advanced electrical theory, and the Business/Law manual. This course meets the Commonwealth of Massachusetts Board of Examiners of Electricians requirement of the completion of 150 hours of approved education in order to be eligible to sit for the Master Electrician licensing exam.

Courses meet:

September 2023

Tue & Thu 6pm—10pm 21-weeks

January 2024

Mon & Wed 6pm—10pm 21-weeks

Courses begin September 2023

& January 2024

\$2,100.00 (plus books)

Discounts and Payment Plan Available

75 HR MOTOR CONTROL COURSE

This course covers the key aspects of the following:

- * **Types of motors and application**
- * **Basic Control Circuits:** two-wire circuits, three-wire circuits, push-button circuits, multiple push-button circuits, hand-off-auto circuits, forward-reverse interlocking circuits, sequence control circuits, time-delay start circuits, jogging circuits and multi-speed control circuits
- * **Circuit layout, connections, and symbols**
- * **Control Pilot Devices:** pressure switches and regulators, float switches, flow switches, limit and proximity switches, temperature switches, timing relays and solenoid valves
- * **Deceleration Methods:** plugging, electric and electronic braking, and dynamic and regenerative braking
- * **Multi-speed Controllers**
- * **Troubleshooting Techniques**

Course begins September 14, 2023

\$1,050.00 (plus books)

300-HOUR SYSTEMS TECHNICIAN CERTIFICATE PROGRAM

This certificate program will allow systems technician apprentices to complete the 300 hours of approved education required by the Commonwealth of Massachusetts Board of Examiners of Electricians in order to be eligible to sit for the Systems Technician Licensing Exam. A systems technician license is required to work on fire alarm, security alarm systems and access control.

This is a two course program

150-hrs each

Semesters begin September 2023

& January 2024

\$2,100.00 (plus books) PER 150-hr course

Discounts and Payment Plan Available

75 HOUR SYSTEMS CONTRACOR LICENSE CERTIFICATE COURSE

This certificate course is designed for the licensed systems technician who desires to sit for the Systems Contractor licensing exam. It includes an in depth coverage of the National Fire Alarm & Signaling Code and Massachusetts amendments, advanced theory, and the Business/Law manual. This course meets the Commonwealth of Massachusetts Board of Examiners of Electricians' requirement of the completion of 75 hours of approved education in order to be eligible to sit for the Systems Contractor licensing exam.

Courses meet:

Course begins January 31, 2024

\$1,050.00 (plus books)

Discounts and Payment Plan Available

75 HR BURGLAR ALARM-ACCESS CONTROL, AUDIO SYSTEMS

This certificate course covers the key aspects of the above listed systems. It covers the applicable codes, installation procedures, and the application of common system components.

Course begins September 13, 2023

\$1,050.00 (plus books)