

# MARTIN ELECTRICAL SCHOOL

130 Kerry Pl Norwood, MA 02062  
 TEL:781-769-2376 FAX:781-440-9555  
 E-MAIL:Office@MartinElectricalSchool.org  
 WEBSITE: www.MartinElectricalSchool.org  
 Leo F. Martin, Director

## 2020—2021 School Year

### Student

Name \_\_\_\_\_  
 Last \_\_\_\_\_ First \_\_\_\_\_ MI \_\_\_\_\_ Gen (Jr, III) \_\_\_\_\_  
 Preferred First Name \_\_\_\_\_ Birthdate \_\_\_\_/\_\_\_\_/\_\_\_\_ SS# \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Tel# \_\_\_\_\_  
 Home \_\_\_\_\_ Work \_\_\_\_\_ Cell \_\_\_\_\_  
 E-Mail \_\_\_\_\_  
 Personal \_\_\_\_\_ Work \_\_\_\_\_  
 Have you attended Martin Electrical School before?  No  Yes If yes, when? \_\_\_\_\_

### Third Party Payment

If someone other than the student will be financially responsible for the tuition fee or any other charges incurred, please enter their information here. If this is left blank, the student assumes financial responsibility for the payment of tuition fees as well as any books purchased.

GI Bill (Please attach DD-214)  Other VA Program  Employer  Scholarship  Other  
 Organization Name \_\_\_\_\_  
 Contact Name \_\_\_\_\_ Tel# \_\_\_\_\_ E-Mail \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Course ID (Ex 3010-2020-09)	Course Name (Ex Journeyman One)	Start Month (Ex September)	Tuition Fee (Ex \$2,100)	Deposit (Most classes are \$350 each)

### **Payment Plans**

Payment plans are available for all courses with a tuition fee of over \$1,000. Payment plans are 0% interest, provided the course is paid in full prior to the last date of the course.

### **Online Classes**

All courses may be moved to a hybrid or online only format.

### **Cancellations**

Courses may be cancelled due to insufficient registration. Enrolled students will be notified as soon as a determination is made to cancel the course. Payments made toward cancelled courses may be applied to future courses or refunded.

***Course listing on the next page***

***\*\*All course dates and tuition fees are subject to change. Please call or email to confirm.\*\****

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Course Name	Semester	Course ID	Start	End	Tuition Fee	Deposit
Journeyman One	Full Year	3010-2020-09	9/14/2020	5/24/2021	\$ 2,100.00	\$ 350.00
Journeyman One	1st Semester	3011-2020-09	9/14/2020	1/25/2021	\$ 1,050.00	\$ 350.00
Journeyman One	2nd Semester	3012-2021-02	2/1/2021	5/24/2021	\$ 1,050.00	\$ 350.00
Journeyman Two	Full Year	3020-2020-09	9/15/2020	5/25/2021	\$ 2,100.00	\$ 350.00
Journeyman Two	1st Semester	3021-2020-09	9/15/2020	1/26/2021	\$ 1,050.00	\$ 350.00
Journeyman Two	2nd Semester	3022-2021-02	2/2/2021	5/25/2021	\$ 1,050.00	\$ 350.00
Journeyman Three	Full Year	3030-2020-09	9/16/2020	5/26/2021	\$ 2,100.00	\$ 350.00
Journeyman Three	1st Semester	3031-2020-09	9/16/2020	1/27/2021	\$ 1,050.00	\$ 350.00
Journeyman Three	2nd Semester	3032-2021-02	2/3/2021	5/26/2021	\$ 1,050.00	\$ 350.00
Journeyman Four	Full Year	3040-2020-09	9/17/2020	5/27/2021	\$ 2,100.00	\$ 350.00
Journeyman Four	1st Semester	3041-2020-09	9/17/2020	1/28/2021	\$ 1,050.00	\$ 350.00
Journeyman Four	2nd Semester	3042-2021-02	2/4/2021	5/27/2021	\$ 1,050.00	\$ 350.00
Journeyman Exam Prep	September	310-2020-09	9/21/2020	11/23/2020	\$ 750.00	\$ 250.00
Journeyman Exam Prep	January	310-2021-01	1/4/2021	3/8/2021	\$ 750.00	\$ 250.00
Journeyman Exam Prep	March	310-2021-03	3/29/2021	5/27/2021	\$ 750.00	\$ 250.00
Journeyman Exam Prep	June	310-2021-06	6/7/2021	8/4/2021	\$ 750.00	\$ 250.00
Master Electrician	September	330-2020-09	9/22/2020	3/4/2021	\$ 2,100.00	\$ 350.00
Master Electrician	January	330-2021-01	1/4/2021	5/26/2021	\$ 2,100.00	\$ 350.00
Motor Controls	September	505-2020-09	9/17/2020	1/28/2021	\$ 1,050.00	\$ 350.00
Systems Technician One	Full Year	4010-2020-09	9/14/2020	5/26/2021	\$ 2,100.00	\$ 350.00
Systems Technician One	1st Semester	4011-2020-09	9/14/2020	1/25/2021	\$ 1,050.00	\$ 350.00
Systems Technician One	2nd Semester	4012-2021-02	2/3/2021	5/26/2021	\$ 1,050.00	\$ 350.00
Systems Technician Two	Full Year	4020-2020-09	9/16/2020	5/26/2021	\$ 2,100.00	\$ 350.00
Systems Technician Two	1st Semester	4021-2020-09	9/16/2020	1/27/2021	\$ 1,050.00	\$ 350.00
Systems Technician Two	2nd Semester	4022-2021-02	2/3/2021	5/26/2021	\$ 1,050.00	\$ 350.00
Systems Contractor	February	430-2021-02	2/3/2021	5/12/2021	\$ 1,050.00	\$ 350.00
Burglar Alarm	September	506-2020-09	9/16/2020	1/27/2021	\$ 1,050.00	\$ 350.00
Fire Alarm	February	501-2021-02	2/3/2021	5/26/2021	\$ 1,050.00	\$ 350.00

### Withdrawals

To withdraw, please email, fax, mail, or drop off a written notice of withdrawal including the date, the student's printed name and signature. Please be advised that ceasing to attend a course without notifying Martin Electrical School, in writing, of the student's intent to withdraw, does not constitute voluntary withdrawal from a course.

Email: [office@martinelectricalschool.org](mailto:office@martinelectricalschool.org)

Fax: (781) 440-9555

Mail: Martin Electrical School  
 130 Kerry Pl  
 Norwood, MA 02062

### Refunds

Refunds will be granted to students without an outstanding balance on the following basis:

- 100% Written notice of withdrawal received before the first night of class
- 75% Written notice of withdrawal received within the first quarter of the course
- 50% Written notice of withdrawal received within the second quarter of the course
- 75% Written notice of withdrawal received during the third quarter of the course

Refunds will not be issued if no notice of withdrawal is received or if the notice of withdrawal is received during the fourth quarter of the course.

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### **301-304 Journeyman Electrician Certificate Program**

*These courses are designed to be taken consecutively. They can be taken as a full year or a single semester.*

This certificate program is intended for the beginner who has no formal training in electrical theory or code. It is designed to work in conjunction with an apprentice actively working full time in the electrical trade. 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. All courses will touch upon jobsite and electrical safety, wiring methods, electrician's math, basic electrical formulas, raceways, outlet boxes, conductor fill, electrical bonding and grounding, ground path theory, conduct of electricians and apprentices (including inspection requirements), use of code book tables and examples, Board rules and regulations, Massachusetts General Laws and regulations applicable to electricians and electrical wiring and the Massachusetts Electrical Code and Amendments (527 CMR 12.00). Each course offers 150 hours of instruction per year and 75 hours of instruction per semester.

#### **301 Journeyman Electrician One—\$2,100 per year plus books**

This is the first course in our Journeyman Electrician Certificate Program. Topics to include an introduction to the National Electrical Code and the proposal process, DC/alarm theory, basic math, NEC application of DC Theory, electrical circuits, conductor selection and overcurrent protection, and family dwelling calculations.

##### **301 Journeyman Electrician One**

Mondays 5:00 PM – 10:00 PM

3010 Full Year – 150 Hours 9/14/20 – 5/24/21

3011 First Semester – 75 Hours 9/14/20 – 1/25/21

3012 Second Semester – 75 Hours 2/1/21 – 5/24/21

#### **302 Journeyman Electrician Two—\$2,100 per year plus books**

This is the second course in our Journeyman Electrician Certificate Program. Topics to include AC theory, NEC application of AC and DC theory, branch circuit calculations and requirements, feeder and service calculations and requirements, conductor selection and overcurrent protection, voltage drop, swimming pools and similar installations, one family dwelling calculations, multi-family dwelling calculations, and commercial load calculations.

##### **302 Journeyman Electrician Two**

Tuesdays 5:00 PM – 10:00 PM

3020 Full Year – 150 Hours 9/15/20 – 5/25/21

3021 First Semester – 75 Hours 9/15/20 – 1/26/21

3022 Second Semester – 75 Hours 2/2/21 – 5/25/21

#### **303 Journeyman Electrician Three—\$2,100 per year plus books**

This is the third course in our Journeyman Electrician Certificate Program. Topics to include DC/alarm theory, basic math, electrical circuits, low voltage systems and controls, fire warning and security systems, design and testing (NFPA72), NEC application of DC theory, and fiber, data and communications wiring and systems.

##### **303 Journeyman Electrician Three**

Wednesdays 5:00 PM – 10:00 PM

3030 Full Year – 150 Hours 9/16/20 – 5/26/21

3031 First Semester – 75 Hours 9/16/20 – 1/27/21

3032 Second Semester – 75 Hours 2/3/21 – 5/26/21

#### **304 Journeyman Electrician Four—\$2,100 per year plus books**

This is the fourth course in our Journeyman Electrician Certificate Program. Topics to include motors and controls, conductor selection and overcurrent protection, transformers, branch circuit calculations and requirements, feeder and service calculations and requirements, voltage drop, commercial load calculations, motors and controls calculations and requirements, transformer calculations and requirements, as well as a general review of all subjects covered in the program.

##### **304 Journeyman Electrician Four**

Thursdays 5:00 PM – 10:00 PM

3040 Full Year – 150 Hours 9/17/20 – 5/27/21

3041 First Semester – 75 Hours 9/17/20 – 1/28/21

3042 Second Semester – 75 Hours 2/4/21 – 5/27/21

### **310 Journeyman Electrician Exam Preparation Course—\$750 plus books**

This course is a review of the Massachusetts Electrical Code and electrical theory. It is intended to prepare the student to take the Journeyman Electrician Licensing exam. Topics to include AC and DC theory, NEC application of both AC and DC theory, branch circuit calculations and requirements, feeder and service calculations and requirements, electrical bonding and grounding, ground path theory, conductor selection and overcurrent protection, wiring methods, motors and controls, transformers, low voltage systems and controls, fire warning and security systems, jobsite and electrical safety, use of code book tables and examples, Massachusetts Electrical Code and Amendments (527 CMR 12.00), Massachusetts laws and regulations regarding electricians and apprentices (including inspection requirements), and fiber, data and communications wiring and systems.

*Course is offered September, January, March and June 6:00 PM – 10:00 PM*

310-2020-09 Mon and Wed 09/21/20 – 11/23/20

310-2021-03 Tue and Thu 03/29/21 – 05/27/21

310-2021-01 Mon and Wed 01/04/21 – 03/08/21

310-2021-06 Mon and Wed 06/07/21 – 08/04/21

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### **330 Master Electrician Course—\$2,100 plus books**

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. Topics to include AC and DC theory, NEC application of both AC and DC theory, branch circuit calculations and requirements, feeder and service calculations and requirements, electrical bonding and grounding, ground path theory, conductor selection and overcurrent protection, wiring methods, motors and controls, transformers, low voltage systems and controls, fire warning and security systems, jobsite and electrical safety, use of code book tables and examples, Massachusetts Electrical Code and Amendments (527 CMR 12.00), Massachusetts laws and regulations regarding electricians and apprentices (including inspection requirements), project management, business and law, OSHA regulations, and fiber, data and communications wiring and systems.

Course is offered September and January 6:00 PM – 10:00 PM

330-2020-09 Tue and Thu 09/22/20 – 03/04/21 330-2021-01 Mon and Wed 01/04/21 – 05/26/21

### **505 Motor Controls Course—\$1,050 plus books**

This seventy five hour course covers the key aspects of types of motors and their applications; basic control circuits (including 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 (including pressure switches and regulators, float switches, flow switches, limit and proximity switches, temperature switches, timing relays and solenoid valves); deceleration methods (including plugging, electric and electronic braking, and dynamic and regenerative braking); multi-speed controllers; and troubleshooting techniques

Course is offered every September 5:00 PM – 10:00 PM

505-2020-09 Thursdays 09/17/20—01/27/21

### **15-HOUR Mandatory Continuing Education for A, B, C, D, E, JR and MR License Renewal—\$190**

Approved in MA, RI, NH, ME, VT

This 15-hour course reviews the changes to chapter one through nine of the current edition of the National Electrical Code as well as Massachusetts amendments in addition to the process and procedure for proposing changes to the NEC. It will also cover changes and issues related to business practices, licensing practices and applicable Massachusetts General Laws. We offer this course weekends, weekdays and evenings.

Weekend Classes 7:30AM—4PM

Saturday & Sunday  
August 8 & 9, 2020  
August 22 & 23, 2020

Weekday Classes 7:30AM—4PM

Wednesday & Thursday  
August 26 & 27, 2020

Weeknight Classes 5:30PM—9PM

Tuesdays & Thursdays  
August 4, 6, 11 & 13, 2020

### **6 Hour Professional Development Courses**

Courses offered Fall and Spring—Dates coming soon!

Article 220 Load Calculations

Wire Pulling

QuickBooks Online

Massachusetts State Building Code for Electricians

Grounding and Bonding

Pipe Bending

NFPA 72: National Fire Alarm and Signaling Code

NFPA 70E: Standard for Electrical Safety in the Workplace—Arc Fault/Arc Blast

NEC for Photovoltaic Systems

Estimating Fundamentals

*Please call for additional topics, dates and tuition fee.*

### **4-HOUR Connecticut Continuing Education for License Renewal—\$100**

This four hour course covers the mandatory curriculum issued by the state of Connecticut for E license renewal.

Courses offered August and September

Weekend Classes 7:30AM—11:30PM

Saturday  
August 15, 2020  
September 19, 2020

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### **401-402 Systems Technician Certificate Program**

*These courses are designed to be taken consecutively. They can be taken as a full year or a single semester.*

This certificate program is designed to work in conjunction with a systems technician apprentice working full time in the trade. It 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. All courses will touch upon jobsite and electrical safety, wiring methods, electrician's math, basic electrical formulas, DC/alarm theory, low voltage systems and controls, NEC application of DC theory, conduct of technicians and apprentices (including inspection requirements), use of code book tables and examples, Board rules and regulations, Massachusetts General Laws and regulations applicable to technicians and electrical wiring, the Massachusetts Electrical Code and Amendments (527 CMR 12.00), and fiber, data and communications wiring and systems.. Each course offers 150 hours of instruction per year and 75 hours of instruction per semester.

#### **401 Systems Technician One—\$2,100 per year plus books**

This is the first course in our Systems Technician Certificate Program. Topics to include an introduction to the National Electrical Code and the proposal process, electrical circuits, and raceway, outlet boxes and conductor fills..

##### **401 Systems Technician One**

Mondays then Wednesdays 5:00 PM – 10:00 PM

4010 Full Year – 150 Hours 9/14/20 – 5/26/21

4011 First Semester – 75 Hours 9/14/20 – 1/25/21

4012 Second Semester – 75 Hours 2/3/21 – 5/26/21

#### **402 Systems Technician Two—\$2,100 per year plus books**

This is the second course in our Systems Technician Certificate Program. Topics to include fire warning and security systems, design and testing (NFPA72).

##### **402 Systems Technician Two**

Wednesdays 5:00 PM – 10:00 PM

4020 Full Year – 150 Hours 9/16/20 – 5/26/21

4021 First Semester – 75 Hours 9/16/20 – 1/27/21

4022 Second Semester – 75 Hours 2/3/21 – 5/26/21

### **430 Systems Contractor Course—\$1,050 plus books**

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. Topics to include DC/alarm theory, design and testing (NFPA72), project management, and OSHA regulations. 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.

*Course is offered every January/February*

430-2021-02 Wednesdays 5:00 PM—10:00 PM

02/03/21— 04/07/21

Then Mondays and Wednesdays 6:00 PM—10:00 PM 04/12/21—05/12/21

### **506 Burglar Alarm Course—\$1,050 plus books**

This seventy five hour certificate course covers the key aspects of burglar alarm systems. It covers the applicable codes, installation procedures, and the application of common system components.

*Course is offered every September 5:00 PM – 10:00 PM*

506-2020-09 Wednesdays 09/16/20—01/26/21

### **501 Fire Alarm Course—\$1,050 plus books**

This seventy five hour certificate course covers the key aspects of the NEC, NFPA 72 (National Fire Alarm and Signaling 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, and the proper location of initiating and notification devices.

*Course is offered every January/February 5:00 PM – 10:00 PM*

501-2021-02 Wednesdays 02/03/21—05/26/21

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