

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
 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
Master Electrician	March	330-2021-03	3/29/2021	8/30/2021	\$ 2,100.00	\$ 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

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

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

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.

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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

<u>330-2020-09</u>	Tue and Thu	09/22/20 – 03/04/21	<u>330-2021-01</u>	Mon and Wed	01/04/21 – 05/26/21
<u>330-2021-03</u>	Mon and Wed	03/29/21 – 08/30/21			

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

<u>505-2020-09</u>	Thursdays	09/17/20—01/27/21
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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
March 20 & 21, 2021 Online
April 10 & 11, 2021 In Person
May 15 & 16, 2021 Online

Weekday Classes 7:30AM—4PM

Wednesday & Thursday
March 17 & 18, 2021 In Person
April 28 & 29, 2021 Online
May 19 & 20, 2021 In Person

Weeknight Classes 5:30PM—9PM

Tuesdays & Thursdays
March 2, 4, 9 & 11, 2021 In Person
May 11, 13, 18 & 20, 2021 Online

6 Hour Professional Development Courses

Courses offered Fall and Spring—Dates coming soon!

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

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

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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

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).

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

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

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

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