



Training Centers of New York State Fall 2022 Semester Long Island

Construction Training Centers of New York State Fall 2022 Semester

Construction

Long Island

Construction Training Center

1 Comac Loop, #4, Ronkonkoma, NY 11779 Call 718-490-2079 FOR GENERAL INFORMATION



*Classes will be conducted both online and in-person. *Lessons will be scheduled for online learning while testing and performance testing will be scheduled in-person. *Students will be given online class information closer to the start of class

Electrical 1A

(90 hrs)

EL1211A

Build a foundation of knowledge about construction safety, electrical safety, and electrical theory that's necessary to understand the National Electrical Code (NEC). This level will also support electrical math processes needed for calculations. They'll be introduced to the Code rules that are related to general wiring requirements, outlet box sizing, raceway sizing, and bonding and grounding. In addition, they'll learn how a multimeter is used in the field and receive a multimeter competency certification.

Classes start: Tuesday, September 13th, 2022 Tue/Thurs 5-8pm



Please fill out back of this form and return with payment to:

Construction Training Centers of NYS 6369 Collamer Drive East Syracuse, NY 13057

(90 hrs) EL1213A

Overcurrent Protection, and Grounding and Bonding. Understanding GFCI protection. Hands on Performance Tasks.

2017 NEC Chapters 4 and 5, addressing; Equipment for General Use: Flexible Cords & Cables, Switches & Receptacles, Switchboards & Panelboards, Luminaires & Low-Voltage Lighting Systems, Appliances, Fixed Electric Space Heating Equipment, Motors, Motor Circuits and Controllers, Air-conditioning/Refrigeration Equipment & Transformers, and SafetyAlternating Current, Neutral Conductors, Harmonics, Voltage Disturbances and Windows, Electrical Noise, and Power Quality Issues.

> Classes start: Tuesday, September 13th, 2022 Tue/Thurs 5-8pm

Mon/Wed 5-8pm

Alternating Current, Motor Basics, Transformers, and NEC Calculations. OSHA Construction Safety Advanced Topics, Electrical Estimating: Intro, Understanding Labor Units, Estimating Process, Determining Break-Even Cost, The Bid Process & Unit Pricing, Leadership Training.

Mon/Wed 5-8pm

2017 National Electric Code Test Preparation and Advanced Code Book Navigation. This closing course for the Electrical Apprentice rigorously guides the Apprentice through the entire Code Book in a step by step format that includes Article interpretation, Code clarification, Table use and advanced Code Calculation. Designed to prepare a graduating student to successfully pass a Journeyman Licensing Exam.

> Classes start: Tuesday, September 13th, 2022 Tue/Thurs 5-8pm

Payment in full for each student is expected prior to the start of class. If full payment is not received 14 days after the start of the semester, students will not be permitted to attend class until all outstanding balances are paid.

Company:			
Student Cell #:			
City:	State:	Zip:	
_ 🗆 Construction Train	ing Trust – CTT PO attac	hed	Credit Card
Signature:			
Exp. Date	Total charg	ged:	CVV#
	City: _	Student Cell #: City:State: _ Construction Training Trust – CTT PO attack Signature: Exp. DateTotal charge	City:State:Zip: _ Construction Training Trust – CTT PO attached Signature: Exp. DateTotal charged:

Please return this form with payment to: CTC NYS, 6369 Collamer Drive, East Syracuse, NY 13057 Phone: 585-455-0293 Email: campisi@abcnys.org

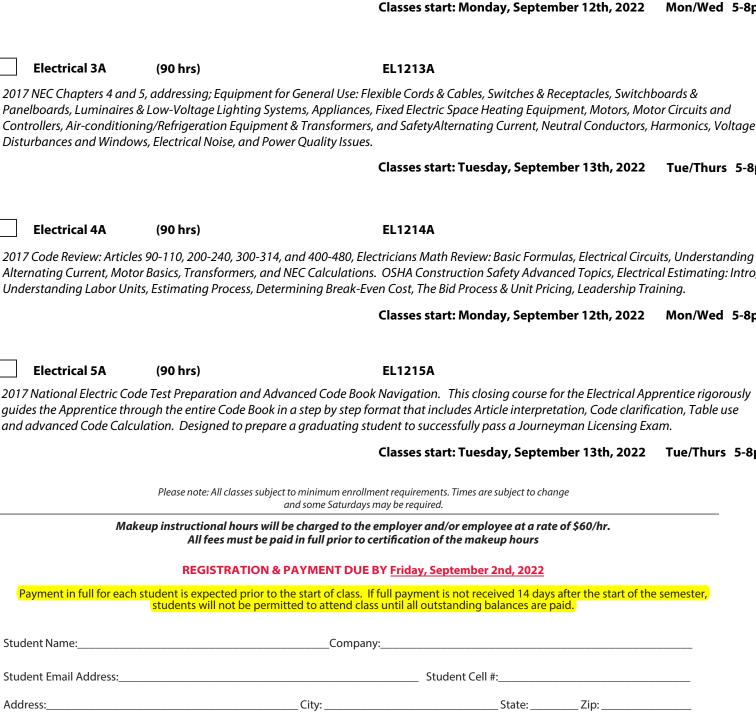
Construction Training Centers of New York State Fall 2022 Semester

Electrical 2A

(90 hrs)

Long Island – continued (2 of 2)

A comprehensive presentation to Article 90, Chapter 1 and 2 of the 2017 Code Book. Electrical Safety including PPE requirements, Introduction to the Code Book, Article 100 Definitions, Article 110 Requirements for Electrical Installations, Chapter 2 Branch circuits, Feeders, Services,



EL1212A