

Construction Training Centers of New York State

Fall 2022 Semester

Buffalo

Associated Builders and Contractors Empire State

National Center for Construction Education and Research

Construction Training Centers of New York State Fall 2022 Semester

Buffalo

Construction Training Center

2363 Broadway, Sloan, NY 14212

585.730.1814 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**

Please check (✓) one of the boxes **below or** *on the back*

☐ **Electrical 1A** **(90 hrs)** **EL6211A**

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

Construction Training Centers of New York State Fall 2022 Semester

Buffalo – continued (2 of 2)

☐ **Electrical 2A** **(90 hrs)** **EL6212A**

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

Classes start: Monday, September 12th, 2022 Mon/Wed 5-8pm

☐ **Electrical 3A** **(90 hrs)** **EL6213A**

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 Safety Alternating Current, Neutral Conductors, Harmonics, Voltage Disturbances and Windows, Electrical Noise, and Power Quality Issues.

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

☐ **Electrical 4A** **(90 hrs)** **EL6214A**

2017 Code Review: Articles 90-110, 200-240, 300-314, and 400-480, Electricians Math Review: Basic Formulas, Electrical Circuits, Understanding 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.

Classes start: Monday, September 12th, 2022 Mon/Wed 5-8pm

☐ **Electrical 5A** **(90 hrs)** **EL6215A**

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

Please note: All classes subject to minimum enrollment requirements. Times are subject to change and some Saturdays may be required.

Makeup instructional hours will be charged to the employer and/or employee at a rate of $60/hr.
All fees must be paid in full prior to certification of the makeup hours

REGISTRATION & PAYMENT DUE BY Friday, September 2nd, 2022

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.

Student Name:_____ Company:_____

Student Email Address:_____ Student Cell#:_____

Address:_____ City: _____ State: _____ Zip: _____

Payment Method:

☐ Check (payable to CTC) Check # _____ ☐ Construction Training Trust – CTT PO attached ☐ Credit Card

Name on Card: _____ Signature: _____

Billing Address_____

Card#_____ Exp. Date _____ Total charged: _____CVV#_____

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