



# Construction Training Centers of New York State

## Spring 2022 Semester

### Albany



National Center for  
Construction  
Education and Research

#### Construction Training Centers of New York State Spring 2022 Semester Albany

#### Construction Training Center

878 Old Albany Shaker Rd., Latham, NY 12110

585.301.6005 FOR GENERAL INFORMATION

Please check  one  
of the boxes below or  
on the back

\*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.

\*Due to the safety of the students and instructors, in-person testing will be  
scheduled one class at a time to ensure safe social distancing

\*Students will be given online class information closer to the start of class

Electrical 1B

(90 hrs)

EL6221B

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, January 11th, 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 Spring 2022 Semester

## Albany – continued (2 of 2)

### Electrical 2B (90 hrs)

**EL6222B**

*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, January 10th, 2022**

**Mon/Wed 5-8pm**

### Electrical 3B (90 hrs)

**EL6223B**

*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, January 11th, 2022**

**Tue/Thurs 5-8pm**

### Electrical 4B (90 hrs)

**EL6224B**

*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, January 10th, 2022**

**Mon/Wed 5-8pm**

### Electrical 5B (90 hrs)

**EL6225B**

*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, January 11th, 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, December 31st, 2021**

**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: \_\_\_\_\_ CVW# \_\_\_\_\_

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