

CAREER TRAINING, LICENSING and CERTIFICATION PROGRAMS

Construction Trades

ELECTRIC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 1

Get your start in the electrical industry by enrolling in the NCCER Electrical Training program. NCCER offers a multi-level curriculum that complies with the Department of Labor time-based standards for apprenticeships. This course entails orientation to the electrical trade, electric code, device boxes, hand bending raceways and fittings, and conductors and cables. Certification exams are given throughout the course. Cost of the exams is included in the tuition. Additional certifications will be offered to those students who participate in Level II of this course. **62 classes**

CTR4100

A: 09/17 - 06/10 M/W 6:30 PM - 9:30 PM

B: 09/20 - 05/28 T/Th 6:30 PM - 9:30 PM

Location: BTC

Tuition: \$4,030

HVAC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 1

Career opportunities in the heating, ventilation and air conditioning field are waiting for you! Offices, schools, medical facilities, businesses and homes rely on HVAC systems, which require skilled professionals to install and maintain them to ensure a safe, healthy and comfortable environment to work and live. Our HVAC Training & Certification program will provide you with the training and experience needed to prepare for a rewarding position and/or career advancement as a certified heating, ventilation and air conditioning technician. Certification exams are given throughout the course. Cost of the exams is included in the tuition. Additional certifications will be offered to those students who participate in Level II of this course. The EPA certification exam is also included. **64 classes**

HRA2100

A: 09/25 - 06/05 T/W 6:00 PM - 9:00 PM

Location: ICC

Tuition: \$4,160

PLUMBING - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 1

Plumbing is one of the most attractive sectors of the skilled trades industry thanks to salary, varied work and potential for advancement. By enrolling in this course, you will develop the knowledge and hands-on skills necessary for the plumbing profession. Curriculum infuses safety protocols, tools of trade, plumbing math, drawings, plastic, cast-iron and copper pipe fittings, drain, waste and vent systems and an introduction to water distribution systems into practical applications. Certification exams are given throughout the course. Cost of the exams is included in the tuition. Additional certifications will be offered to those students who participate in Level II of this course. **68 classes**

CTR5100

A: 09/20 - 06/18 T/Th 6:30 PM - 9:30 PM

Location: MTC

Tuition: \$4,420

CONSTRUCTION: RESIDENTIAL AND INTRODUCTION TO TINY BUILDING

Prerequisite: Basic Carpentry Skills (CTR2000)
Carpentry makes up the largest building trades occupation in the industry and these all around skills are in high demand. You will learn the core aspects of building and design while being exposed to emerging trends including tiny houses, sunrooms, solar power and renewable energy solutions and how they play a vital role in today's construction industry. Those interested in embarking on a career in the design or building trades, or those seeking deep involvement in the creation of their own dream home, should register. Eastern Suffolk BOCES has partnered with industry creator Dynamic Supplier Alignment Inc. and Hunter Shelters to provide a job shadowing experience for qualified students in its 'Create Local, Make Local Movement.' OSHA (Occupational Safety and Health Administration) requirements will be discussed. **24 classes**

CTR2010

A: 09/20 - 12/18 T/Th 6:30 PM - 9:30 PM

B: 03/19 - 06/13 T/Th 6:30 PM - 9:30 PM

Location: BTC

Tuition: \$1,800

Additional requirements: steel tip work boots and safety glasses are required. A tool list will be provided on the first day of class.

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ELECTRIC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 2

NEW!

Prerequisite: NCCER Electric 1 (CTR4100)
Further your training for a career in the electrical field by enrolling in the NCCER Electrical Training program Level 2. NCCER offers a multi-level curriculum that complies with the Department of Labor time-based standards for apprenticeships. The Level 2 course entails Alternating Current, Motors: Theory and Application, Electric Lighting, Conduit Bending, Pull and Junction Boxes, Conductor Installations, Cable Tray, Conductor Terminations and Splices, Grounding and Bonding, Circuit Breakers and Fuses, Control Systems and Fundamental Concepts. The ninth edition Electrical textbook has been fully updated to the 2017 NEC®. Cost of the National Certification exams are included in the tuition. **58 classes**

CTR4200

A: 09/17 - 05/20 M/W 6:30 PM - 9:30 PM
Location: MTC Tuition: \$3,770

HVAC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 2

NEW!

Prerequisite: NCCER HVAC 1 (HRA2100)
Further your training for career opportunities in the heating, ventilation and air conditioning field. Offices, schools, medical facilities, businesses and homes rely on HVAC systems, which require skilled professionals to install and maintain them to ensure a safe, healthy and comfortable environment to work and live. Our HVAC Level 2 Training & Certification program entails Commercial Airside Systems, Chimneys, Vents, and Flues, Introduction to Hydronic Systems, Air Quality Equipment, Leak Detection, Evacuation, Recovery, and Charging, Alternating Current, Basic Electronics, Introduction to Control Circuit Troubleshooting, Troubleshooting Gas Heating, Troubleshooting Cooling, Heat Pumps, Basic Installation and Maintenance Practices, Sheet Metal Duct Systems, and Fiberglass and Flexible Duct Systems. Cost of the National Certification exams are included in the tuition. **68 classes**

HRA2200

A: 09/20 - 06/18 T/Th 6:30 PM - 9:30 PM
Location: MTC Tuition: \$4,420

PLUMBING - NATIONAL CENTER FOR CONSTRUCTION EDUCATION RESEARCH (NCCER) CERTIFICATION LEVEL 2

NEW!

Prerequisite: NCCER Plumbing 1 (CTR5100)
Plumbing is one of the most attractive sectors of the skilled trades industry thanks to salary, varied work and potential for advancement. Further your training by enrolling in this Level 2 course and continue to develop the knowledge and hands-on skills necessary for the plumbing profession. Key content includes: Plumbing Math Two, Reading Commercial Drawings, Structural Penetrations, Insulation, and Fire Stopping, Installing and Testing DWV Piping, Installing Roof, Floor, and Area Drains, Installing and Testing Water Supply Piping, Types of Valves, Installing Fixtures and Valves, Installing Water Heaters, Basic Electricity, and Fuel Gas and Fuel Oil Systems. Cost of the National Certification exams are included in the tuition. **68 classes**

CTR5200

A: 09/17 - 06/26 M/W 6:30 PM - 9:30 PM
Location: MTC Tuition: \$4,420

AUTOMATIC HEATING PROGRAM

Heating technicians is a career that will always be in demand. Nobody likes to be cold! Our program combines theory and hands-on training covering the critical aspects of the heating industry. This program is comprised of 2 modules. Students who complete the Automatic Heating Advanced module will have the opportunity to sit for the NORA certification exams which are offered off-site. **34 classes**

HRA1000 (2-part program)

A: 09/20 - 01/31 T/Th 6:30 PM - 9:30 PM
B: 02/12 - 06/20 T/Th 6:30 PM - 9:30 PM
Location: BTC Tuition: \$1,400

Basic Burners and Controls:

You will learn the basic knowledge of residential heating and will be introduced to actuators, fuels, pumps, combustion chambers, adjusting, testing and energy conservation. **16 classes**

HRA1010

A: 09/20 - 11/15 T/Th 6:30 PM - 9:30 PM
B: 02/12 - 04/11 T/Th 6:30 PM - 9:30 PM
Location: BTC Tuition: \$725

Advanced Heating:

Continue to enhance your skills by learning line and low voltage circuit wiring, hot water, steam and warm air systems, indirect water heating, pool heating, sizing for heating loss, troubleshooting and customer relations. **18 classes**

HRA1020

A: 11/20 - 01/31 T/Th 6:30 PM - 9:30 PM
B: 04/16 - 06/20 T/Th 6:30 PM - 9:30 PM
Location: BTC Tuition: \$725

**REFRIGERATION AND
AIR CONDITIONING 1** 

This introductory course will develop your knowledge and understanding of the principles of refrigeration and its application to the processing of air. The curriculum consists of 50% hands-on and 50% theory. A list of required hand tools will be distributed on the first night of class. **16 classes**

HRA2000

A: 10/01 – 12/05 M/W 6:30 PM – 9:30 PM
B: 04/08 – 06/10 M/W 6:30 PM – 9:30 PM
Location: MTC Tuition: \$780

**REFRIGERATION AND
AIR CONDITIONING 2** 

Refrigeration and Air Conditioning 2 expands upon your knowledge of electric motors, relays, and capacitors. You will develop skills to diagnose and repair single and three-phase commercial refrigeration and air conditioning equipment. Electrical and mechanical theory will be taught. **20 classes**

HRA2010

A: 01/07 – 03/25 M/W 6:30 PM – 9:30 PM
Location: MTC Tuition: \$800

Additional requirements: students must have completed Refrigeration and Air Conditioning 1 or have 1 or 2 years trade experience. A list of hand tools will be distributed on the first night of class.

**REFRIGERATION AND AIR CONDITIONING
SERVICE TECHNICIAN REFRESHER/TEST PREP**

Passing the EPA exam is mandatory for all technicians who service, maintain and repair commercial refrigeration and air conditioning equipment (effective November 14, 1994). This EPA Technician Certification exam is approved by the EPA to certify technicians in accordance with Section 608 of the Clean Air Act. The seminar includes a self-study manual containing 20 sample questions, 200 focused study questions and text on Types I, II and III certification and the core. This class will prepare students for the certification examination. **2 classes**

HRA2030

A: 04/08 – 04/10 M/W 6:30 PM – 9:30 PM
B: 06/17 – 06/19 M/W 6:30 PM – 9:30 PM
Location: MTC Tuition: \$140

EPA TECHNICIAN CERTIFICATION EXAM

Students should bring all prior certifications to the exam. **1 class**

HRA2040

A: 04/15 M 6:00 PM – 10:00 PM
B: 06/24 M 6:00 PM – 10:00 PM
Location: MTC Tuition: \$100

FACILITIES MAINTENANCE

Help Wanted! After completing the Facilities Maintenance course, you will have the knowledge and skills to apply for a position and begin your new career. Skilled workers are needed in almost every institution from schools and nursing homes to hospitals, hotels, and apartment complexes. You will learn how to perform basic repairs and advanced custodial skills, and you will become OSHA and forklift certified. This training course includes 50 hours of theory and practical application in facilities maintenance and 40 hours in forklift training. **30 classes**

CTR8010

A: 10/15 – 02/13 M/W 6:30 PM – 9:30 PM
Location: AEC Tuition: \$800
B: 10/16 – 02/14 T/Th 6:30 PM – 9:30 PM
Location: WTC Tuition: \$800
C: 02/25 – 06/17 M/W 6:30 PM – 9:30 PM
Location: AEC Tuition: \$800
D: 02/26 – 06/13 T/Th 6:30 PM – 9:30 PM
Location: WTC Tuition: \$800

FORKLIFT TRAINING

You can add a Forklift certification to your resume in 10 classes. The 40 hour course will provide you with the knowledge and skill to operate a forklift. The eight modules of training will include ramp driving, pallet racks, and driving on a loading dock. **10 classes**

CTR8020

A: 01/09 – 02/13 M/W 6:00 PM – 10:00 PM
Location: AEC Tuition: \$590
B: 01/10 – 02/14 T/Th 6:00 PM – 10:00 PM
Location: WTC Tuition: \$590
C: 05/13 – 06/17 M/W 6:00 PM – 10:00 PM
Location: AEC Tuition: \$590
D: 05/14 – 06/13 T/Th 6:00 PM – 10:00 PM
Location: WTC Tuition: \$590

HEAVY EQUIPMENT TRAINING CERTIFICATION COURSES

Attention construction companies and employees! Increase your job skills by earning a certificate in Heavy Equipment Training. Eastern Suffolk BOCES has partnered with the L.E.A.R.N. Center Heavy Equipment Operator Training school to provide you with a broad base of knowledge through classroom instruction and practical experience in the operation of heavy equipment. Topics include safety, OSHA regulations, maintenance, basic controls and solo hands-on operations. *Upon registration, you will be given the contact information to schedule your class. Weekday and weekend schedules are available.*

Each course consists of 4 modules at \$2,500 per module.

CTR9010 Backhoe Training
CTR9020 Bulldozer Training
CTR9030 Excavator Training
CTR9040 Front-End Loader Training
CTR9050 Skid-Steer Training
Location: Ronkonkoma, NY

FAST-TRACK HEAVY EQUIPMENT CERTIFICATION

NEW!

If you have 5 years' experience as a heavy equipment machine operator and are not certified, this Fast-Track 7-hour course is for you. Eastern Suffolk BOCES has partnered with the L.E.A.R.N. Center Heavy Equipment Operator Training school to offer a solution that will protect you or your business from safety violations. New laws and regulations will be reviewed in this one day, 7-hour course. Each machine evaluation consists of a 4-hour safety course. The remaining 3-hours will be an evaluation of the operators skill set. *Upon registration, you will be given the contact information to schedule your class. Weekday and weekend schedules are available.*

CTR9060
Location: Ronkonkoma, NY Tuition: \$2,000

Note: The ESBOCES Adult Education refund policy does not apply to the Heavy Equipment Training Certification or the Fast-Track Certification courses. Students will receive a 100% refund only if they withdraw at least 5 days prior to the start date of the class. Once a student attends the class, there will be no refund given.

HOME INSPECTOR PROGRAM

A Home Inspector is a vital part of the real estate, construction and banking industries. These modules meet the requirements of the New York State Home Inspection Licensing Law and the New York State Home Inspector certification program. If you are interested in obtaining this license, you must apply directly to the New York State Division of Licensing Service with a non-refundable \$250.00 application fee. A High School Diploma or High School Equivalency Diploma is required to sit for the New York State Exam.

MODULE 1 - Exterior and Roof

CTR3031 8 Classes
A: 09/25 - 10/18 T/Th 6:00 PM - 9:30 PM
Location: WTC Tuition: \$550

MODULE 2 - Interior, Insulation and Ventilation, and Electrical

CTR3032 8 Classes
A: 10/30 - 11/29 T/Th 6:00 PM - 9:30 PM
Location: WTC Tuition: \$550

MODULE 3 - Heating, Cooling and Plumbing

CTR3033 8 Classes
A: 12/11 - 01/15 T/Th 6:00 PM - 9:30 PM
Location: WTC Tuition: \$550

MODULE 4 - Overview of the Profession, NYS License Law

CTR3034 8 Classes
A: 01/22 - 02/26 T/Th 6:00 PM - 9:30 PM
Location: WTC Tuition: \$550

MODULE 5 - Unpaid Field-Based Training

CTR3035 40 Hours
A: 03/11 - 06/07 M/T/W/Th/F/S 8:00 AM - 9:00 PM
Location: WTC Tuition: \$800

CAN'T ATTEND OUR CONSTRUCTION CLASSES? LEARN FROM HOME!

Visit www.yougotclass.org/catalog-complete.cfm/EasternSuffolk/ for more information and to register for the following online course:
LEED Green Workplace.