

CAREER TRAINING, LICENSING and CERTIFICATION PROGRAMS

Construction Trades

ELECTRIC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND 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 includes 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. OSHA 10 certification is included in Level 1. **62 classes**

CTR4100

A: 09/16 – 06/08 M/W 6:30 PM – 9:30 PM

B: 09/17 – 06/04 T/Th 6:30 PM – 9:30 PM

Location: BTC Tuition: \$4,130

HVAC - NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND 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. This 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 at a discounted rate. **64 classes**

HRA2100

A: 09/16 – 06/15 M/W 6:30 PM – 9:30 PM

Location: MTC Tuition: \$4,160

PLUMBING - NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND 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 the 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. **58 classes**

CTR5100

A: 09/17 – 05/21 T/Th 6:30 PM – 10:00 PM

Location: MTC Tuition: \$4,420

CONSTRUCTION CRAFT LABORER- NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND RESEARCH (NCCER) LEVEL 1

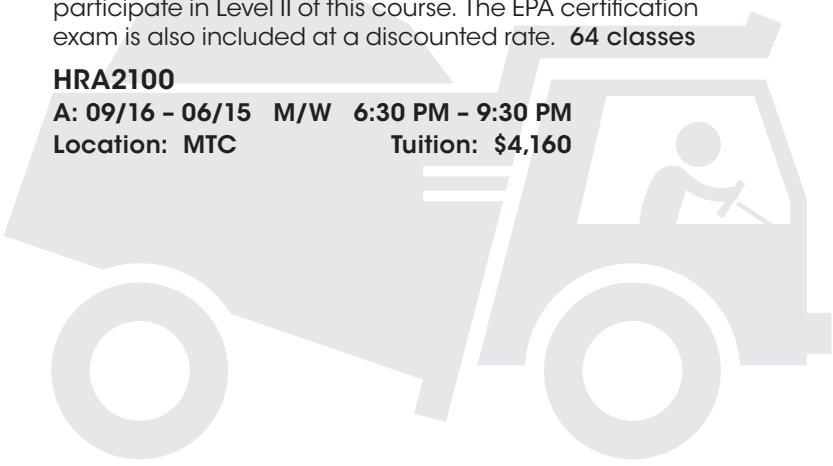
NEW!

Are you looking to enter the Construction Industry but lack the skills? This certification course will provide you with the skills and knowledge to be successfully employed in a fast-growing career on Long Island. This course includes both theory and practical skills such as basic safety, introduction to hand tools and power tools, construction drawing, basic rigging, material handling, building materials, properties of concrete, site layout and foundations. Certification exams are given throughout the course. Cost of the exams is included in tuition. **58 classes**

CTR2010

A: 10/15 – 06/09 T/Th 6:30 PM – 9:30 PM

Location: BTC Tuition: \$3,770



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

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: 09/16 – 05/20 M/W 6:30 PM – 9:30 PM
Location: MTC Tuition: \$3,770

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

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. This program includes 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: 09/17 – 06/25 T/Th 6:30 PM – 9:30 PM
Location: MTC Tuition: \$4,420

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

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. **59 classes**

CTR5200

A: 09/16 – 05/27 M/W 6:30 PM – 10:00 PM
Location: MTC Tuition: \$3,835

CONSTRUCTION PROJECT MANAGEMENT- NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND RESEARCH (NCCER) CERTIFICATION

NEW!

Prerequisite: Must have construction background. Time to take the reins and join the Management Team in a Construction company. If you have been in the Construction Industry and are ready to be the one in charge of a construction project, this course will provide you with the opportunity to develop the management skills needed for the position. This National Certification course includes, Introduction to Project Management, Responsibilities for Safety, Interpersonal Skills, Issues and Resolutions, Construction Documents, Construction Planning, Estimating and Cost, Scheduling, Resource Control, Quality Control and Continuous Improvement. A 20-hour internship is provide for students that are available during the day only. **39 classes**

CTR9200

A: 09/21 – 06/27 S 8:00 AM – 11:00 AM
Location: BTC Tuition: \$2,535

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CONSTRUCTION SITE SUPERVISOR - NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND RESEARCH (NCCER)

NEW!

Are you in the construction field and would like to advance your career to a site supervisor? This course will help you achieve your goals. A site supervisor oversees the construction projects at a worksite. You will learn how to plan, organize and control projects for your employer. The course includes Human Relations and Problem Solving, Safety, Quality Control, Contracts and Construction Documents, Document control and Estimating, Planning and Scheduling and Resource Control and Cost Awareness. Certification exams are given throughout the course. Cost of exams is included in tuition. **30 classes**

CTR9300

A: 10/19 – 06/20 S 8:00 AM – 11:00 AM
Location: BTC Tuition: \$1,950

AUTOMATIC HEATING PROGRAM

Heating technicians 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. Exam fees are not included in tuition. **34 classes**

HRA1000 (2-part program)

A: 09/17 – 02/13 T/Th 6:30 PM – 9:30 PM
B: 02/25 – 06/25 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: 09/17 – 11/21 T/Th 6:30 PM – 9:30 PM
B: 02/25 – 04/23 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: 11/26 – 02/13 T/Th 6:30 PM – 9:30 PM
B: 04/28 – 06/25 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: 10/22 – 12/18 T/W 6:00 PM – 9:00 PM
B: 04/14 – 06/03 T/W 6:00 PM – 9:00 PM
Location: ICC Tuition: \$799

REFRIGERATION AND AIR CONDITIONING 2

Prerequisite: Students must have completed Refrigeration and Air Conditioning 1 or have 1 or 2 years trade experience.

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 – 03/18 T/W 6:00 PM – 9:00 PM
Location: ICC Tuition: \$895

Additional requirements: A list of hand tools will be distributed on the first night of class.

EPA TECHNICIAN CERTIFICATION 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 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: 04/13 – 04/16 M/Th 6:30 PM – 9:30 PM
B: 06/15 – 06/18 M/Th 6:30 PM – 9:30 PM
Location: MTC Tuition: \$150

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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. **26 classes evening/36 classes day**

CTR8010

A: 10/15 - 01/22	T/W/Th	1:30 PM - 4:00 PM
Location: AEC		Tuition: \$800
B: 10/21 - 02/10	M/W	6:00 PM - 9:30 PM
Location: AEC		Tuition: \$800
C: 10/22 - 02/11	T/Th	6:00 PM - 9:30 PM
Location: WTC		Tuition: \$800
D: 02/24 - 06/01	M/W	6:00 PM - 9:30 PM
Location: AEC		Tuition: \$800
E: 02/25 - 05/21	T/W/Th	1:30 PM - 4:00 PM
Location: AEC		Tuition: \$800
F: 02/25 - 05/28	T/Th	6:00 PM - 9:30 PM
Location: WTC		Tuition: \$800

FORKLIFT TRAINING

You can add a Forklift certification to your resume in 12 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. **12 classes**

CTR8020

A: 12/16 - 02/10	M/W	6:00 PM - 9:30 PM
Location: AEC		Tuition: \$590
B: 12/17 - 02/11	T/Th	6:00 PM - 9:30 PM
Location: WTC		Tuition: \$590
C: 04/20 - 06/01	M/W	6:00 PM - 9:30 PM
Location: AEC		Tuition: \$590
D: 04/21 - 05/28	T/Th	6:00 PM - 9:30 PM
Location: WTC		Tuition: \$590

EPA TECHNICIAN CERTIFICATION EXAM

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

HRA2040

A: 04/20	M	6:00 PM - 10:00 PM
B: 06/22	M	6:00 PM - 10:00 PM
Location: MTC		Tuition: \$100

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

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: 09/24 - 10/29 T/Th 6:00 PM - 9:30 PM

Location: WTC Tuition: \$550

MODULE 2 - Interior, Insulation and Ventilation, and Electrical

CTR3032 8 Classes

A: 11/07 - 12/05 T/Th 6:00 PM - 9:30 PM

Location: WTC Tuition: \$550

MODULE 3 - Heating, Cooling and Plumbing

CTR3033 8 Classes

A: 12/17 - 01/23 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: 02/04 - 03/10 T/Th 6:00 PM - 9:30 PM

Location: WTC Tuition: \$550

MODULE 5 - Unpaid Field-Based Training

CTR3035 40 Hours

A: 03/21 - 06/06 S 8:00 AM - 9:00 PM

Location: WTC Tuition: \$800

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OSHA 10 TRAINING

The 10-Hour OSHA Training Program for the Construction Industry provides training on the recognition, avoidance, abatement, and prevention of job related hazards, as well as teaches construction workers about their rights and employer responsibilities. The course includes an introduction to OSHA, OSHA Focus Four Hazards (falls, electrocution, struck-by, and caught-in or between), personal protective equipment, and health hazards in construction. Additional elective topics will be covered (actual topics subject to change). Students who successfully complete the course will receive an OSHA-10 Construction Industry card. All classes must be attended and completed in their entirety to receive credit for the course. **3 classes**

CTR9070

A. 10/10 - 10/24	Th	6:30 PM - 9:30 PM
Location: MTC		Tuition: \$100
B. 11/7 - 11/21	Th	6:30 PM - 9:30 PM
Location: WTC		Tuition: \$100
C. 3/12 - 3/26	Th	6:30 PM - 9:30 PM
Location: MTC		Tuition: \$100
D. 4/16 - 4/30	Th	6:30 PM - 9:30 PM
Location: WTC		Tuition: \$100

