



# Electric Power Utility Technology Program

In partnership with NSTAR, Bunker Hill Community College (BHCC) and Local 369 UWUA, students can achieve an accredited two-year Associate of Science Degree in Electronic Technology: Electric Power Utility Technology Option.

## Course Curriculum\*

### Basic Courses:

Topics in Algebra/Trigonometry, Computer Applications & Concepts, and Introduction to Physics

### General Courses:

College Writing I, College Writing II, Group Dynamics, Introduction to Mass Media, Introduction to Engineering, Principles of Management

### Technical Courses: (partial listing)

DC Circuit Theory, LAB I (SinglePhase & PolyPhase Watt-hour Meters), AC Circuit Theory, LAB II (Substation Fundamentals), LAB III (Underground Lines & Construction), LAB IV (Overhead Lines & Construction), Power & Distribution Systems

### Electives (Choose one):

Watercolor I, Painting I, American Culture, Literary Course, 102 level languages

\* (subject to change)

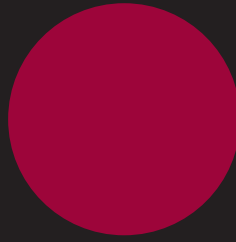
## Degree Specifications

A total of 62 credit hours are completed consecutively over a four-semester period. Academic courses (46 credit hours) will be held at Bunker Hill Community College (BHCC) and hands-on laboratory courses (16 credit hours) will be held at an NSTAR facility located in either Boston or Waltham, MA. This program will prepare students for employment in a variety of electrical fields, with an emphasis on the Electric Utility Power Worker. Enrollment is limited.

## Course Delivery

Students will conduct their laboratory training at an NSTAR facility and classroom course work will be conducted at BHCC. All training and education required for the program will be offered as a full-time college day program. School holidays are observed.





### **Requirements**

Prior to registration, BHCC requires successful placement testing in English, reading and math. Scheduling of placement tests is the responsibility of the prospective student. Transfer credits from other colleges and universities may be considered in lieu of taking the placement test upon approval from BHCC and NSTAR. Proof of high school diploma or equivalent is required. NSTAR will conduct a full background check, including but not limited to, a driving record, criminal offenses and drug screen. NSTAR requires satisfactory results of all background checks and a negative drug screen result to move forward in the application process.

### **Skills Orientation**

Prospective students who have met all previous requirements will participate in a skills orientation that includes activities testing their strength, endurance and ability to work in an elevated position and in enclosed spaces. Pre-registration is required. Activities require applicants to bring a long-sleeved shirt and hard-soled boots.

### **Acceptance into the EPUT Program**

Students who have successfully completed the Skills Orientation and all other requirements will be considered for acceptance into the program. Class size is limited.

### **Laboratory Work**

Time spent in the laboratory will consist of the essential theory and hands-on skills necessary for an Electric Utility Power Worker. Heavy emphasis is placed on safe work practices, and first-aid and CPR certifications will be achieved.

### **Field Experience/Co-operative Work**

Students will be required to participate in a compensated and evaluated field experience with NSTAR. First year students will be paid \$12 an hour while second year students will be paid \$13 an hour. Field experience will be scheduled for four weeks during the winter school break and eight weeks during the summer school break. Additional field work might also be available.

### **Program Tuition & Lab Fees**

Tuition, lab fees, and books will be approximately \$4,000 per year for Massachusetts residents. Of that cost, NSTAR reimburses tuition by \$1,200 per year. See BHCC course catalog for additional details. Information regarding financial aid can be obtained from BHCC.

### **Potential Employment**

Based on a student's grades, skills and attitude, and successful completion of the program, opportunities may exist to be considered for available positions with NSTAR or an NSTAR qualified contractor. Current starting salary is approximately \$22 to \$27 per hour, and overtime is also compensated. NSTAR offers a competitive and comprehensive benefits package including: health and dental care, life insurance, pension plan, 401K plan (including company matching program), as well as continuing education reimbursement.

### **NSTAR Company Profile**

NSTAR is Massachusetts' largest investor-owned electric and gas utility, with revenues of approximately \$3.3 billion and assets totaling approximately \$7.7 billion. NSTAR serves nearly 1.4 million customers throughout Eastern and Central Massachusetts, which includes 1.1 million electric customers in 81 communities and 300,000 gas customers in 51 communities. NSTAR employs more than 3,000 employees in its regulated business.

#### **For more information:**

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Scheduled Information Sessions: [www.nstar.com/careers](http://www.nstar.com/careers)

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