

**Overhead Electrical Line Worker  
Program  
35 Credit Hours**

**Total Program Length 10 Months**

**Program First Semester**

Overhead Distribution Construction I	5 credits
Construction Safety	2 credits
Vocational Physical Training	2 credits
Math 107	3 credits

**Program Second Semester**

Basic Electrical Theory	3 credits
English 197	3 credits
Professional Development	2 credits
Vocational Physical Training	2 credits

**Mini Semester**

Advanced Electrical Theory	3 credits
Safety and Rescue	2 credits

**Program Third Semester**

Overhead Distribution Construction 2	4 credits
Specialized Distribution Equipment	2 credits
Vocational Physical Training	2 credits

Revised 11/06



**City Colleges of Chicago**

*"Success Starts Here"*

**Dawson Technical Institute**

**Admissions Office**

**Phone: (773) 451-2100**

**Fax: (773) 451-2143**

<http://kennedyking.ccc.edu>



**Overhead  
Electrical  
Line Worker**

Advanced Certificate Program



**Dawson Technical Institute**

3901 S. State Street

Chicago, IL 60609

(773) 451-2000 <http://kennedyking.ccc.edu>

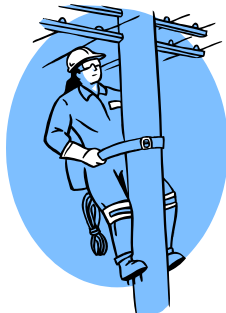


**Tired of that low-wage job?  
Looking for something  
new and exciting?  
Like to work with your hands?  
Want to work outside?  
Think you're up for the challenge?**

- Are you 18 years of age or over?
- Can you lift 50 pounds?
- Do you have a valid driver's license?
- Do you enjoy solving problems?
- Would you be comfortable working in heights or enclosed spaces?
- Are you a team player?
- Have you been complimented on your customer service skills?
- Can you successfully complete a physical, criminal background check and drug screening?

**If you answered YES to the questions above, call today to find out how you can get the training you need to do work you enjoy and make money while doing it!**

Upon successful completion of the Overhead Electrical Line Worker program, you may be qualified for careers with electrical power providers and line construction companies.



## About This Program

### **Program Description**

The Overhead Electrical Program is a joint cooperative effort between Kennedy-King College (KKC), one of the City Colleges of Chicago and Commonwealth Edison (ComEd), an Exelon company. These two organizations working together have structured a program to benefit students in meeting the current need for overhead electricians/electrical line workers in the electrical power industry. Upon completion, students who graduate from this program will be prepared to work as apprentices in the electric utility industry.

### **Student Learning Objectives:**

- Operate line equipment
- Climb distribution structures
- Build and maintain overhead and underground power lines with supervision
- Install transformers, capacitors, and KWH meters
- Install system protective equipment such as fuses, circuit breakers, and lightning arresters
- Understand basic electricity (alternating and direct current)
- Use protective equipment such as rubber gloves & sleeves, line hose, blankets, protective clothing, eye wear, shoes, and hard hats
- Use ropes for various work activities such as tying rope knots and making rope splices
- Operate hydraulic equipment, aerial lift devices, trucks, digger/derrick trucks, and trencher/backhoes
- Perform first aid and CPR

Instruction is divided between classroom and outdoor lab activities.

The courses will be assessed with respect to their knowledge and students' understanding of the concepts and principles of each subject by the traditional use of writing research and review papers, laboratory reports, weekly quizzes and exams.

## Program Admission Requirements

- Valid driver's license
- High School Diploma or GED
- Minimum age 18 years
- Lift weight of 50 lbs.
- COMPASS test scores:
  - Math: 41 = 10th grade level
  - Reading: 77 = 10th grade level
- Criminal background check
- Department of Transportation physical examination
- Drug screening
- Pole Climbing Evaluation

### Tuition

\$5,500

Tuition is subject to change without notification. Financial aid available for those who qualify.

## How to Get Started at Dawson Technical Institute (DTI)

### **Admissions**

Complete a registration card and student information card available at Dawson Technical Institute registration office.

Submit high school and or GED transcripts and any additional documentation, as required. See KKC's website or catalog for admissions requirements for specific programs.

### **Tuition and Fees**

Dawson Technical Institute features affordable tuition. For a current list of program costs, see KKC's website <http://kennedyking.ccc.edu> or call (773) 451-2100.

### **Financial Aid**

Some of our students may need to receive some form of financial aid and/or scholarships. See KKC's website or call for more information.

### **Career Planning**

Dawson Technical Institute offers free career assessment and counseling services to help you choose the right program.

We would like to help you get started. Contact DTI's admissions office to receive a college catalog or to arrange a college visit.