



# ELECTRICAL LINeworker TECHNOLOGY

Become a powerline technician to keep  
the electricity and services flowing

“A person needs to love the outdoors to be a lineworker, and I never regretted getting into it.

I make a good living, am part of a company that believes in loyalty, and I have real options to be promoted in the long run. It all started with KVCC.”

Electrical lineworkers (ELWs) have skills and job opportunities that are very rare in the modern age. At a time when jobs are always changing and becoming obsolete, the electrical lineworker stays stable. When storms arrive, someone needs to repair the electrical distribution system. The work is steady, the wages are solid, and the company culture is loyal. Like police officers, the first priority is returning safely home to one’s family. If you believe in safety, stability, loyalty, and toughness, come to KVCC’s lineworker program.

### What Electrical Lineworker Technology graduates do:

- |                                     |                                       |
|-------------------------------------|---------------------------------------|
| Set electrical/telephone poles      | Observe safety protocols              |
| Inspect defective cables            | Observe codes and industry standards  |
| Install and repair electrical lines | Switch out transformers and reclosers |
| Inspect for system malfunctions     | Install cross-arm braces              |

### Students will learn:

- |                       |                   |                                   |
|-----------------------|-------------------|-----------------------------------|
| Linework with gloves  | Safety standards  | Pole climbing (40’ and 85’ poles) |
| DC and AC theory      | Pole hole digging | Discipline and work ethics        |
| Crossarm installation | Transformer work  | Proper equipment use              |
| Proper tool use       | Team safety       | Knots, ropes, and hardware        |

### Electrical Lineworker Technology graduates work in:

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| Electrical companies (outdoors)   | Line construction firms (outdoors) |
| Utilities cooperatives (outdoors) | Training centers and programs      |



### Program entry requirements:

To see the entrance requirements for this program, please view the pages ahead, and visit [www.kvcc.me.edu/prereq](http://www.kvcc.me.edu/prereq)

For further questions about the program, please contact Greg Heikkinen at:

[lwp@kvcc.me.edu](mailto:lwp@kvcc.me.edu)

or go to:

[www.kvcc.me.edu/lwp](http://www.kvcc.me.edu/lwp)



# ELECTRICAL LINeworker TECHNOLOGY

<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>	<u>Prerequisites (Co-requisites)</u>
<b><u>Certificate</u></b>			
<b><u>FIRST SEMESTER</u></b>			
__ __	ELW150* Lineworker Training I.....	11	CDL Class B License (ETL109, MAT114)
__ __	ETL109* Direct Current Theory.....	3	(MAT114)
__ __	MAT114 Technical Math.....	3	Min. Accuplacer arithmetic score of 55
<b><u>SECOND SEMESTER</u></b>			
__ __	ELW160* Lineworker Training II.....	11	Successful completion of 1st semester courses
__ __	ENG108 Technical Writing.....	3	Min. Accuplacer writing score of 74
__ __	ETL110* Alternating Current Theory.....	3	ETL109
<b>TOTAL CREDITS .....</b>		<b>34</b>	

## Criteria for Graduation

Students must complete 34 credits in the Electrical Lineworker Technology program and achieve a minimum grade of “C” in all core courses (\*). Students must attain a final GPA of 2.0 or higher.