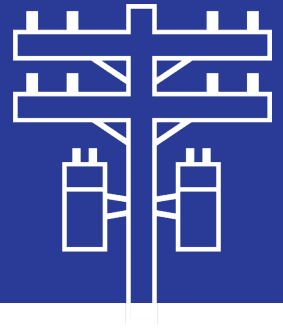




# UTILITY TECHNOLOGY

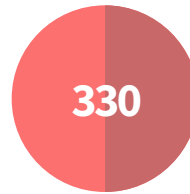
COLLEGE. CREDENTIAL. CAREER.



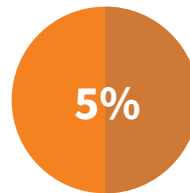
## Utility Technology is a Hot Job in Michigan

Utility technology plays a crucial role in modern infrastructure, ensuring that communities have access to reliable power and essential services. Lineworkers are at the heart of this industry, installing, maintaining, and repairing electrical power systems and telecommunications networks. Whether working on high-voltage transmission lines or troubleshooting outages in local neighborhoods, lineworkers help keep the world running.

To thrive as a lineworker, individuals must develop strong technical skills and a deep understanding of electrical systems, safety protocols, and climbing techniques. This field is ideal for those who enjoy hands-on work, problem-solving, and working outdoors in a dynamic environment. Training can lead to specialization in areas such as high-voltage transmission, underground cable installation, renewable energy systems, or smart grid technology. With experience and continued education, lineworkers can advance into supervisory roles, engineering support positions, or utility management. The opportunities in this essential industry are vast and ever-evolving!



**Projected job openings annually**



**Estimated job growth**



**Hourly rates for lineworkers**

## Cool Classes You Can Take

Utility lineworkers must develop a strong understanding of electrical distribution systems, from installing and maintaining secondary power lines to troubleshooting transformers and underground electric networks. As the energy industry evolves, lineworkers must also be prepared for new technologies and safety standards. There are some cool classes you can choose as you pursue this path, including:

### Overhead Construction

This course introduces students to the fundamentals of overhead linework, including pole selection and setting, rigging techniques, and safety procedures. Students will also practice proper tool selection and vehicle trailer operations, essential skills for a career in utility technology.

### Energized Secondary Worker

This course provides hands-on training in the installation and maintenance of 120/240-volt secondary power lines. Students will learn safe work practices for handling energized conductors, operating aerial lifts, and using digger derricks.

## Financial Help

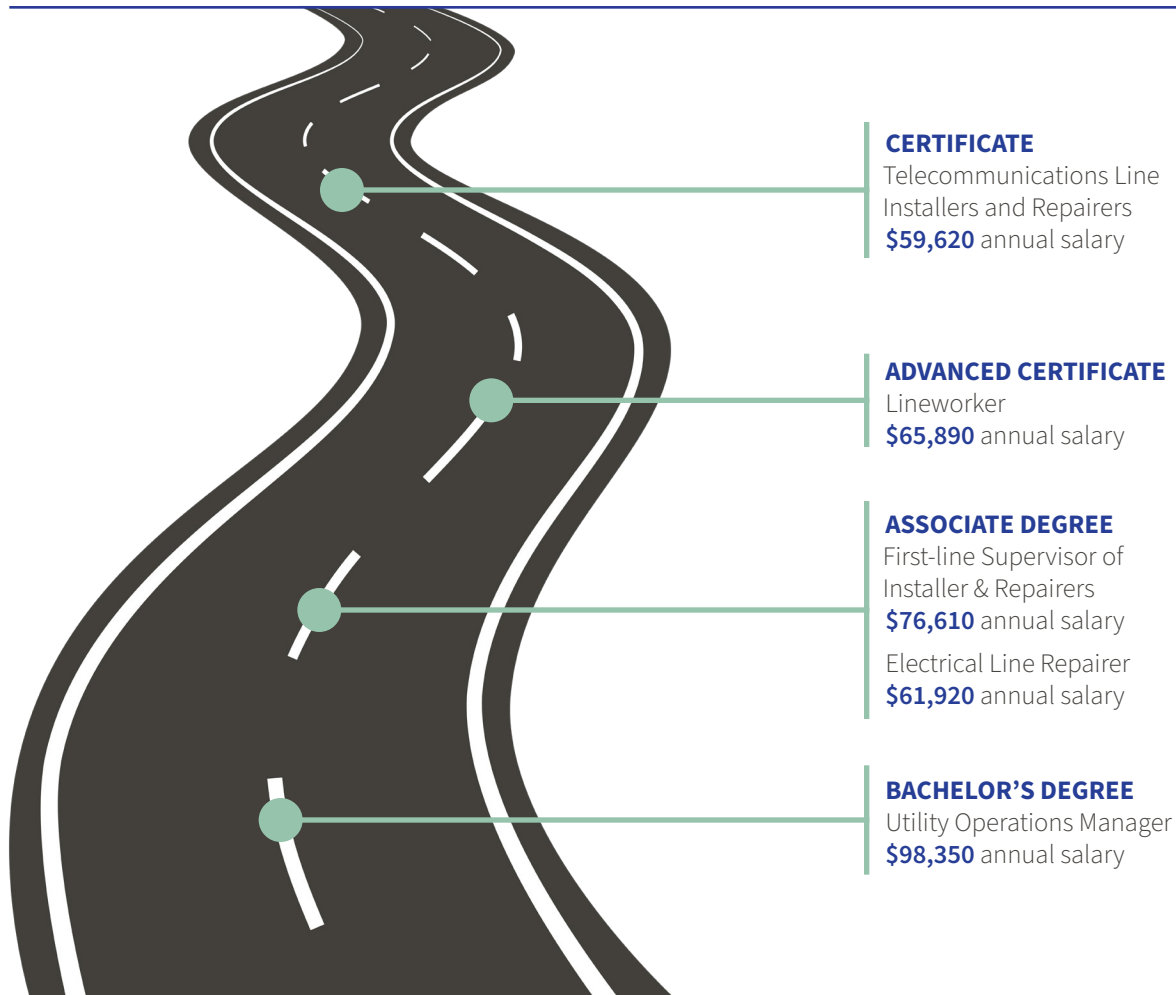
There are many federal grants, work-study funds, and low-interest loans available to help students cover the costs of tuition and fees, room and board, books and supplies, transportation, and other college-related expenses. The first step in securing necessary financial aid is to complete the Free Application for Federal Student Aid (FAFSA).



### Some Available Programs:

- Alpena Community College
- Jackson College
- Lansing Community College
- Northern Michigan University
- Northwestern Michigan College

There are many different education and career paths in **UTILITY TECHNOLOGY**. Here are a few you might follow after graduating from high school.



#### WHERE

**College** refers to an educational institution or establishment that provides education beyond high school and/or specialized professional training that is credit bearing.

#### WHAT

A **credential** verifies an individual's qualification or competence in a particular area and is usually issued by colleges in the form of certificates and academic degrees.

#### WHY

A **career** is a series of jobs that offers opportunities for advancement and provides a path to economic independence.

#### WHEN

Now! Don't wait to go to **college** to earn a **credential** that leads not only to your first job but also to a full and rewarding **career**!



To learn more about this pathway, check out the video at [roadmap2opportunity.org](http://roadmap2opportunity.org).

All occupational information provided by Roadmap to Opportunity is from O\*NET Online and is available at [onetonline.org](http://onetonline.org).