

Electric Utility Lineworker

Keep power flowing as an Electric Utility Lineworker. Students will learn to install and repair electrical power systems. Students will study safety, electrical theory, truck operations, construction specifications, pole climbing, line construction, single phase to three-phase conversion, underground distribution, transformer installation and service, substations, schematic diagrams, and tools of the trade. Students will learn to use fall arrest and positioning systems within OSHA regulations and manufacturer's recommendations.

Students should be in good general health and physical ability, and comfortable working at high elevations or in confined spaces.

After completing the program, graduates will enter the power industry as pre-apprentice line workers, substation technicians, or equipment operators.

This program is only offered in the afternoon.

How You'll Learn Hands-On

Get out of the classroom and into the real world with projects such as:

- Laying underground cables
- Climbing electrical poles and using a bucket truck
- Inspecting electrical transmission and distribution systems

Where it Can Take You

Use the skills you'll learn in this program to find a career you'll love. Possibilities include:

- Electrical Utility Lineworker
- Journeyman Lineworker
- Electrical Line Technician
- Underground Lineworker

What You'll Learn

Course	Hours
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Basic Transformer Theory & Transformer Installation	120
Class A Commercial Drivers License CDL	40
Conductor Installation & Repair	80
Equipment Operations	80
Fusing & System Coordination	40
Pole Climbing Skills	80
Pole Framing & Construction Specifications	80
Principles of Underground Distribution	90
Rubber Gloving & Hot Sticking Methods	90
Service Installation & Metering	80
Setting & Replacing Poles	40
Substation & Voltage Regulation	80
Workforce Staging	75
Safety Orientation - Osha 10 Hour Card	10
Core Healthcare Provider CPR & First Aid	15
Total	1,000

Career Readiness Certificate

[WorkKeys®](#), an assessment tool from the ACT® organization, measures skills employers have identified as critical to job success in their industry and are used in hiring and promoting employees. Students are able to earn the ACT®-issued [National Career Readiness Certificate](#) by meeting the score requirements for their job field on three WorkKeys® assessments.

Matching the right employees with the right job creates employee job satisfaction, increased self-confidence and the best wages possible for the employee. The employer benefits with reduced turnover and training, increased productivity and overall company success. To learn about the WorkKeys® scores needed for your future career field visit [Job Profiles](#).

Graduation Requirements

In order to be successful in a career, students will need to meet all technical and academic standards related to their career of choice at Meridian. Meridian offers rigorous programs of study designed in cooperation with business and industry to ensure students are fully prepared for the demands of the workplace.

Meridian's Career Ready Credential

When a student completes all standards as set forth in their program of study, they will be considered a graduate of Meridian and receive the Career Ready Credential. Students who do not meet these standards will not be considered graduates of Meridian. Students should have:

- Completed all courses in a career major with a grade of "C" or above and achieved required industry-based certifications for the career major
- Achieved WorkKeys® scores at or above the level required for the career major or earned an ACT® composite score of 19 or greater (Students may substitute equivalent scores on SAT, ACCUPLACER or other approved assessments.)

Additional Endorsements

Students earning a Career Ready Credential may also earn the Postsecondary Ready Endorsement, Citizenship Ready Endorsement and the National Career Readiness Certificate (CRC).

Postsecondary Ready Endorsement

- Earned, or was on track to earn, a high school diploma or GED at the time of Meridian graduation
- Achieved a subscore of 19 or greater on the ACT® in math, English, reading and science (Students may substitute equivalent scores on SAT, ACCUPLACER or other approved assessments.)

Citizenship Ready Endorsement

- Completed employment profile, résumé, job application, cover letter, mock interview and job search training through OKJobMatch.com
- Documented active membership in a [CareerTech Student Organization](#) or professional

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association related to the program of study

- Documented 20 hours of volunteerism or service in a community activity

National Career Readiness Certificate (CRC)

- Completed WorkKeys® assessments in Applied Math, Workplace Documents and Graphic Literacy and received a silver, gold or platinum National [Career Readiness Certificate](#) through the Oklahoma Department of Career and Technology Education.

Apply for [admission as a high school student](#). Apply for [admission as an adult](#). Contact the Career Planning Center with questions at [405.377.3333](tel:405.377.3333).