Lineworker Degree Program

This program, established in 1970, is designed to educate students to become skilled apprentice lineworkers. A career as an electrical lineworker offers men and women the prospect of good wages, dependable and often very strong job demand, and an opportunity to work in any of nearly 3,100 public utilities across the United States. Students have the option to transfer into the Bachelor of Applied Science in Energy Management degree, available entirely online.
Students are required to enroll in the LNWK 100 and 110 courses, offered in the summer before they will be allowed to enter the Lineworker program in the fall. The classes will be offered for three credits each, which provide an excellent introduction to the Lineworker program, ensure all students are comfortable with climbing poles and an opportunity to meet their fellow students and instructors.

Classes are held and skills practiced at the electrical lineworker program's facilities north of Mandan, North Dakota. This includes twenty acres of land for outside training, and inside laboratories and classrooms. Students also have access to all student facilities at the BSC Campus.

Students have the option of earning a one-year certificate or an Associate of Applied Science degree in the Lineworker program. The NECE recommends that students consult with their academic advisor prior to registration for academic advice based on individual educational plans.

Lineworker Associate Degree Technical Courses

Summer semester prior to fall start
- LNWK 100 Introduction to Climbing Techniques
- LNWK 104 Introduction to Truck Driving Techniques
- LNWK 110 Equipment Operations

Semester 1
- LNWK 125 Applied Electrical Distribution I
- LNWK 130 Applied Electrical Distribution II
- LNWK 140 Electrical Distribution
- LNWK 150 Basic Electricity DC & AC

Semester 2
- LNWK 210 Fundamentals of Electrical Distribution I
- LNWK 220 Fundamentals of Electrical Distribution II
- LNWK 230 Electrical Distribution
- LNWK 240 Electrical Apparatus & Transformers
- LNWK 260 Rope & Rigging

CDL Truck Driving Requirement
- LNWK 108 Truck Driving Simulator Training
- LNWK 113 Truck Driving Techniques

For more information on the Lineworker program, visit our website at bismarckstate.edu/energy. Contact us at 701.224.5651.