

LINEWORKER



Bismarck State College has a long history of training students for employment in the exciting and rewarding career field of electrical linework. BSC's Electrical Lineworker program is the only one of its kind in North Dakota.

This career 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.

BSC's program is designed to educate students to become skilled apprentice lineworkers. Students gain intensive training in all facets of power line construction and maintenance, and learn methods for stringing various types of wire. Students also learn to operate and maintain a variety of equipment, including state-of-the-art technology.

Classes begin in late August and conclude in May each year. Students attend classes and practice skills at the program's facilities northwest of Mandan. This includes twenty acres of land for outside training, and inside laboratories and classrooms. Instruction time is divided between classroom study and indoor and outdoor laboratory work. Students also have access to all student facilities on the BSC Campus.

Training to prepare for a commercial driver's license (CDL) will be offered to lineworker students during the nine-month program.

APTITUDE/PREPARATION

Electrical lineworker students should be in good physical condition for strenuous outdoor work in all types of weather conditions. A commercial driver's license (CDL) is beneficial. Background in these areas is helpful: one year of high school algebra or one semester of college algebra, basic computer skills, and good written and oral communication skills.

DETAILS ON APPLYING

Interested students are encouraged to apply early, as openings are limited to 54 students each year on a first-come, first-served basis. A waiting list is maintained. A doctor's examination and approval is required after acceptance into this program.

SPECIAL COSTS

A \$100 deposit, required upon acceptance in the program, is applied to tuition. Additional costs include tools, books and personal equipment.

GRADUATION

Students earn a program certificate upon successful completion of the nine-month program. Students may also pursue an Associate in Applied Science degree in electrical lineworker. The AAS degree requires an additional minimum of 27 credit hours of general education and other college courses.

EMPLOYMENT

Employment opportunities exist within rural electric cooperative, investor-owned utility, government utility and contracting markets. Demand for graduates remains strong.

Graduates of BSC'S Electrical Lineworker program can earn average starting wages of \$15.50 to \$24 per hour. Lineworkers who complete an apprenticeship program, which takes about four years, earn average wages between \$24 and \$35 per hour as a journey lineworker.

BSC provides career counseling services to help students find employment.

MORE INFORMATION

For more details, go to BSC's Web site at bismarckstate.edu/faculty/linework or contact Keith Landeis, associate professor of electrical lineworker, at 701-667-9414 or Keith.Landeis@bsc.nodak.edu

HOW TO REACH US

BSC Web site: bismarckstate.edu

Application information: 1-800-445-5073 or 1-701-224-5429 or bismarckstate.edu/prospectivestudents/application.asp

Financial Aid: 1-701-224-5494 or bismarckstate.edu/student/finaid

BSC Foundation Scholarships: 1-701-224-2486 or bismarckstate.edu/scholarships

CURRICULUM**FALL SEMESTER**

	CREDITS
Applied Electrical Distribution (LNWK 101)	5
Electrical Distribution (LNWK 103)	4
Basic Electricity D.C. & A.C. (LNWK 105)	3
Equipment Operations (LNWK 107)	2
Safety I (LNWK 111)	2
Total credits	16

SPRING SEMESTER

	CREDITS
Fundamentals of Electrical Distribution (LNWK 112)	5
Electrical Distribution (LNWK 114)	4
Electrical Apparatus and Transformers (LNWK 116)	4
Safety II (LNWK 118)	2
Rope and Rigging (LNWK 120)	2
Total credits	17

Students receive a program certificate upon successful completion of the program. Additional course work may lead to an Associate in Applied Science degree. See catalog for degree requirements.