



ELECTRIC POWER TECHNOLOGY

Further your career in an industry with impact around the world



There are many opportunities within the Electric Power Technology program:

- Individual college courses for professional development
- Leverage courses within technician training programs
- Complete a Certificate or Associate of Applied Science Degree in Electric Power Technology
- Specialize in line construction, metering, substation, or system design



Education to Begin Your Career:

- Become qualified in an industry with critical employment needs
- Prepare for openings in the electric utilities workforce
- Online courses are flexible to fit varying work schedules
- Industry qualified instructors
- Interactive industry approved online education



Enhance Your Company Training:

- Leverage cutting edge learning tools in training programs
- Accelerate development from within
- Standardize across regional/national footprint
- Align to your tuition reimbursement program
- Content developed by industry, for industry



Benefits to Enrolling:

- Program available entirely online
- Earn credit for your experience
- Fully accredited
- Enroll anytime
- Courses begin every 3-5 weeks throughout the year



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Are you ready to begin or further your career in electric power transmission and distribution? The electric grid is growing and improving in order to meet the needs of the industry and of consumers. The online Electric Power Technology program at the Bismarck State College (BSC) National Energy Center of Excellence (NECE) is designed to provide training in electric utility fundamentals for current and future workers with its focus on transmission and distribution. Students choose one area of specialization: Line Construction, Metering, Substation, or System Design. The program was developed in collaboration with the Energy Providers Coalition for Education (EPCE) and is based on industry guidelines, with a direct link to electrical utilities fundamentals training.

Discover additional programs at:
bismarckstate.edu/energy/programs/

- BAS in Energy Management
- Electrical Transmission Systems Technology
- Energy Services & Renewable Technician
- Instrumentation & Control Technology
- Lineworker (Electrical)
- Mechanical Maintenance Technology
- Nuclear Power Technology
- Petroleum Production Technology
- Power Generation Technology
- Process Technology
- Water & Wastewater Technology



CORE CLASSES

- ELPW 111** Introduction to the Electrical Industry & Power Grid
- ENRT 106** DC Fundamentals
- ENRT 108** AC Fundamentals
- ELPW 114** Industrial Safety and Health
- ENRT 117** Technical Communication

- ELPW 105** Electrical System Fundamentals
- ELPW 112** Electrical System Components
- ELPW 120** Industrial Prints and Diagrams
- ENRT 221** Applied Electronics

- ENRT 224** Automation and Control
- ENRT 230** Power System SCADA
- ELPW 204** Advanced Electrical Systems
- ELPW 206** Electrical System Protection

4th Semester

- Choose one specialization or an equivalent of 12 credit hours
- Line Construction
 - Metering
 - Substation
 - System Design

Bismarck State College has been a leading provider of energy education for more than 45 years. With a dozen degree and certificate offerings in a variety of energy-related programs, the college prepares graduates with the skills and education they need for successful, life-long career opportunities in the industry.