Electric Power Technology

BISMARCK STATE COLLEGE

EPCE

Educating and Training Current and Future Electric Workers

NEW & UPDATED COURSES TO STAY AHEAD OF THE EVOLVING ENERGY INDUSTRY

There are many options within the technician training programs:

- Leverage courses in technician training programs
- Individual college courses for professional development
- Complete a Certificate or Associate of Applied Science Degree in Electric Power Technology from Bismarck State College (BSC)

Enhance Your Career:

- Become qualified in line construction, substation, metering or system design
- Flexible to fit your schedule
- Industry qualified instructor
- Align to your tuition reimbursement program
- Take a single course or complete a certificate or degree
- Prepares you for industry job opportunities

Benefits:

- 100% online
- Fully accredited
- Completely transferable
- Credit for your experience
- $ Tuition savings
- Start any time

Enhance Your Company Training:

- Leverage cutting edge learning tools
- Accelerate development from within
- Standardize across regional/national footprint
- Qualified instructor led and industry-approved
- Align to your tuition reimbursement program
- Content developed by industry, for industry

epceonline.org/electric-power

Electric Power Technology

BISMARCK STATE COLLEGE

EPCE

Educating and Training Current and Future Electric Workers

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 consumers. The online Electric Power Technology (ELPW) program is designed to provide training in electrical utility fundamentals for current and future workers with its focus on transmission and distribution. In addition, students will specialize in one of four areas: Line Construction, Metering, Substation, and System Design.

Core Classes:

NEW & UPDATED COURSES!

- 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*
- ESRE 221 Applied Electronics**
- ESRE 224 Automation and Control**
- ENRT 230 SCADA*
- ELPW 204 Advanced Electrical Systems
- ELPW 206 Electrical System Protection

Specialization Classes:

Line Construction Specialization

- ELPW 250 Transformers
- ELPW 230 Underground Line Construction
- ELPW 210 Overhead Transmission & Distribution Line Construction

System Design Specialization

- ELPW 208 Advanced Math
- ELPW 240 Electrical System Design*
- ELPW 252 Civil Design**

Metering Specialization

- ELPW 208 Advanced Math
- ELPW 213 Fundamentals of Metering
- ELPW 233 Single-Phase Metering & Polyphase Metering
- ELPW 253 Advanced Metering Technology

Substation Specialization

- ELPW 251 Substation Construction & Maintenance
- ELPW 211 Substation Relays
- ELPW 231 Substation Operations

** new course* *** updated course*

Have Questions?

Ask an Educational Consultant at:

epceonline.org/educational-consultant

Discover additional programs at: epceonline.org

- Electrical Transmission
- Nuclear
- Power Plant
- Renewable
- Water

The Energy Providers Coalition for Education (EPCE) is a national alliance delivering solutions to attract and engage the energy industry's workforce through quality online education.

epceonline.org/electric-power