There are many options within the Nuclear Power Technology program:

- Individual college courses for professional development
- Complete a Certificate or Associate of Applied Science Degree in Nuclear Power Technology
- Earn a Nuclear Training Certificate through the Nuclear Uniform Curriculum Program

Enhance Your Career:
- Become a non-licensed operator or nuclear instrumentation & control technician
- Online courses are flexible to fit shift work
- Industry qualified instructors
- Take a single course or complete a certificate or degree
- Interactive industry approved online education

Benefits:
- Entirely Online
- Fully accredited
- Completely transferable
- Credit for industry experience and military training
- Tuition savings

Enhance Your Company Training:
- Leverage cutting edge learning tools
- Accelerate development from within
- Standardize across regional/national footprint
- Content developed by industry, for industry
- Align to your tuition reimbursement program

Learn more at bismarckstate.edu/energy • bsc.energy@bismarckstate.edu • 701.224.5651 or 800.852.5685.
NUCLEAR POWER TECHNOLOGY

Power up your nuclear career

Looking for education and training with state of the art technology in nuclear power technology? The Nuclear Power Technology program at the Bismarck State College (BSC) National Energy Center for Excellence (NECE) prepares current and future nuclear power employees, including those currently employed in non-technical positions. Prospective students currently employed in the nuclear industry may choose to enroll in an Instrumentation & Control track within the degree program. Coursework in the program includes access to a full-fidelity nuclear simulator developed specifically for BSC. The program was developed in collaboration with the Energy Providers Coalition for Education (EPCE) and is approved by the Nuclear Energy Institute (NEI). An agreement between Exelon and Bismarck State College will allow Nuclear Power Technology students an opportunity to substitute their education for training.

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

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

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.

CORE CLASSES

NUPT 101  Overview of Nuclear Energy
NUPT 103  Nuclear Mathematics Fundamentals*
NUPT 105  Classical Physics*
NUPT 107  Engineering Drawings, Diagrams, and Schematics

NUPT 113  Mechanical Science*
NUPT 215  Nuclear Plant Chemistry*
NUPT 109  Electrical Science*
NUPT 213  Nuclear Physics*

Non-Licensed Operator (NLO) Track Courses:
NUPT 217  Heat Transfer, Fluid Flow, and Thermodynamics*
NUPT 111  Instrumentation and Control*
NUPT 221  Science of Radiological Protection*
NUPT 219  Material Science*

NUPT 220  Reactor Theory
NUPT 225  Nuclear Plant System Component Design and Function*
NUPT 223  Reactor Safety Design*
NUPT 227  Conduct of Facility Operations

Instrumentation & Control (I&C) Track Courses:
ICTL 215  Instrumentation Drawings & Documentation
NUPT 217  Heat Transfer, Fluid Flow, and Thermodynamics*
NUPT 111  Instrumentation and Control*
ICTL 225  Input & Output Devices

ICTL 235  Motors & Controllers
NUPT 225  Nuclear Plant System Component Design and Function*
NUPT 223  Reactor Safety Design*
NUPT 229  Instrumentation & Control II*

* Indicates NUCP criteria.