

NUCLEAR POWER TECHNOLOGY

ONLINE • ASSOCIATE DEGREE • CERTIFICATE OPTIONS



BISMARCK
STATE COLLEGE | North Dakota's
Polytechnic Institution



Developed in collaboration with nuclear industry partners through the Energy Providers Coalition for Education (EPCE), BSC's Nuclear Power Technology program is approved by the Nuclear Energy Institute (NEI) as a Nuclear Uniform Curriculum Program (NUCP).

CAREER opportunities

- Nuclear Power Operator (non-licensed on licensed path)
- Nuclear Power Operator/Technician
- Power Plant Operator
- Nuclear Technician

NATIONAL ENERGY CENTER OF EXCELLENCE

HANDS-ON LEARNING **WORKFORCE READY.**

Prepare for a future as a nuclear power non-licensed operator with BSC's online Nuclear Power Technology program. This program is beneficial for non-technical nuclear employees who are striving to move into higher paid technical positions as well as those looking to improve their knowledge and skills to better performing their current position.

This online program utilizes interactive learning tools, mini-simulations, and a full-fidelity nuclear pressurized water reactor simulator. You will gain the fundamental skills and knowledge required to work in the industry as a non-licensed operator. In addition to a college degree, you can earn a Nuclear Uniform Curriculum Program Certificate developed through an agreement with Constellation and Bismarck State College. This certificate recognizes students who have successfully completed the high standards and requirements of the nuclear uniform curriculum program (NUCP) that is managed by the Nuclear Energy Institute (NEI).

You will also use a Nuclear Pressurized Water Reactor (PWR) online simulator in select courses throughout the program.



STRONG JOB MARKET



\$109K MEDIAN SALARY



NUCP CERTIFICATION



bismarckstate.edu

*Earning estimates were provided by Lightcast in the summer of 2026

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PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

OPERATOR I

- ENRT 100** Operations, Safety and Environment
- ENRT 109** Equipment and Systems
- ENRT 112** Print Reading
- ENRT 119** Industry Science

BASIC NUCLEAR OPERATOR

- ENRT 116** Instrumentation and Control
- ENRT 120** Water Purification and Treatment
- NUPT 114** Material and Radiological Science
- ENRT 215** Operations, Troubleshooting and Communication

ADVANCED NUCLEAR OPERATOR

- NUPT 104** Nuclear Math and Physics
- NUPT 224** Nuclear Safety and Protection
- NUPT 226** Nuclear Plant Equipment
- NUPT 222** Nuclear Industry Science

Education DONE RIGHT. Apply today!

 Virtual & in-person visits available at bismarckstate.edu/visit

 Call 701-224-5429

 Text 701-390-1075

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