

MECHANICAL MAINTENANCE TECHNOLOGY

ON CAMPUS • INSTRUCTOR LED



Recent Bismarck State College Mechanical Maintenance graduates report placement rates of 100%, with expected growth of 14.4% by 2026.

CAREER opportunities

- Maintenance Technician
- Machinery Mechanic
- Industrial Technician
- Maintenance Engineer
- Maintenance Mechanic
- Industrial Mechanic
- Routine Maintenance Specialist

NATIONAL ENERGY CENTER OF EXCELLENCE

HANDS-ON LEARNING **WORKFORCE READY.**

BSC's on-campus Mechanical Maintenance program will prepare you to install, maintain and repair industrial production and processing equipment.

A career in Mechanical Maintenance offers you an exciting opportunity to have a wide variety of job duties each day and a sense of pride knowing you are a critical piece of your organization keeping equipment and systems operational. Throughout this program, the focus is on safely installing, troubleshooting, repairing, and conducting preventative maintenance on industrial equipment and systems. Coursework includes the proper selection and safe use of tools, reading prints and parts-manuals, troubleshooting, rigging, mechanical and fluid drives, electrical fundamentals, lubrication, welding and all associated skill sets required to work as an industrial mechanic.

This program will prepare you for exciting careers supporting the power generation industries, service industries, manufacturing, food & beverage facilities, oil and gas industries including gas compression, refining, biofuels and other industrial facilities.

EARN CERTIFICATIONS:

- OPERATOR I CERTIFICATE
- MECHANIC I CERTIFICATE
- OSHA 10



STRONG JOB MARKET



\$59K MEDIAN SALARY



WORKFORCE READY SKILLS



bismarckstate.edu

*Earning estimates were provided by Lightcast in the spring of 2025

An equal opportunity provider.
INFO-0725

MECHANICAL MAINTENANCE TECHNOLOGY

ON CAMPUS • INSTRUCTOR LED



BISMARCK | North Dakota's
STATE COLLEGE | Polytechnic Institution



PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

OPERATOR I CERTIFICATE

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

CREDITS

4
4
4
4

MECHANIC 1

MMAT 105	Hand and Portable Tools
MMAT 109	Measurements
MMAT 115	Lubrication, Bearings and Seals
MMAT 152	Equipment and Systems II
MMAT 153	Small Engines and Compressors
ESRE 216	Mechanical Drive Systems
ESRE 213	Hydraulic Fundamentals

CREDITS

2
2
2
3
3
4
3

WELDING

WELD 110	OFC Operations
WELD 118	PAC and CAC Operations
WELD 155	Blueprint Reading for Welders
WELD 170	SMAW Operations
WELD 173	Methods in SMAW Operations
WELD 180	Advanced Methods in SMAW Operations
WELD 183	Testing in SMAW Operations
WELD 187	Types of Non-Destructive Testing

CREDITS

2
2
3
2
4
2
3
1

Education DONE RIGHT. Apply today!

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

 Call 701-224-5429

 Text 701-390-1075

An equal opportunity provider.
INFO-0725