

Bismarck State College National Energy Center of Excellence (NECE) ENRT 220 / WATR 220 PRACTICAL APPLICATIONS

JOB SHADOW PROGRAM

Students enrolled in select programs at the Bismarck State College National Energy Center of Excellence are required to complete 80 hours of coursework in an industry setting related to their program of study. This course, Practical Applications, allows online students the opportunity to gain first-hand experience as it relates to their major. Students are placed with partnering facilities and assigned to a mentor under whom they will complete a checklist of competencies. These competencies are contained in a workbook that is mailed to the facility, and then returned by the facility to BSC upon completion of the job shadow. This is the final course that a student completes before they are eligible to graduate from their program.

As a participant in the job shadow program, you are responsible for overseeing the student's workbook completion. You will set up an 80 hour period of time where the student is required to report to their mentor and complete the tasks required.

Examples include:

- Plant Safety Orientation*
- PPE Training & Disbursement*
- Lockout/Tagout (LOTO)*
- Confined Space Entry*
- Equipment Identification*

FREQUENTLY ASKED QUESTIONS

Is my company required to pay the student?

No. The job shadow program is not considered employment, nor is it an internship. The program is designed as a benefit to the student for them to observe the work tasks required in the industry.

Will the company be required to hire the student?

An offer of employment upon completion of the job shadow program is not required. However, many employers use the course as an opportunity to observe the student's work ethic and ability, and may offer employment if desired.

What hands-on activities are required?

Ideally the student will be allowed to assist the mentor in the completion of tasks during normal operational conditions. Opening/closing valves, starting/stopping equipment and making rounds with the mentor is ideal. However, knowing that this is not always possible due to company policy, observation of these tasks is acceptable.

ABOUT THE NECE

Bismarck State College, an innovative community college in Bismarck, ND, is home to the National Energy Center of Excellence, a nationally-recognized leader in energy education. BSC first offered energy-related programs in the 1970s and has expanded to 12 online and on campus programs, including a BAS degree in Energy Management.

BSC offers renowned, broad-based training in a number of energy industry sectors including generation, transmission, distribution, process technology, petroleum, and system operations.

The college is closely aligned with industry. National experts review curriculum, lab equipment, online tools and program structure to be sure the education provided meets the industry's evolving needs.

Programs offered at Bismarck State College include:

- Electric Power Technology*
- Electrical Transmission Systems Technology*
- Instrumentation & Control*
- Lineworker*
- Mechanical Maintenance Technology*
- Nuclear Power Technology*
- Petroleum Production Technology**
- Power Plant Technology**
- Process Plant Technology**
- Renewable Generation Technology**
- Water and Wastewater Technology**
- BAS in Energy Management*

**Programs in bold participate in the Practical Applications coursework*