

Non-Credit Career Pathway Course

Dialysis Technician



What is a Dialysis Technician?

Dialysis is a treatment that is needed when a body's kidneys can no longer filter blood correctly and are assisted through a dialysis machine. Dialysis does the work of your kidneys, removing waste products and excess fluid from the blood. Dialysis Technicians are medical specialists trained in the operation of these dialysis machines working under the supervision of a nurse or physician. The primary duties of a Dialysis Technician include monitoring patients undergoing dialysis treatment, ensuring usage of the machine is safe and secure, and adjusting patient fluid removal rates as required. Most Dialysis Technicians work in hospitals, health clinics, and dialysis centers. With this course, you will learn the professional characteristics and knowledge required of a Dialysis Technician.

Course Outcomes

Upon completion of this course, the student will be able to:

- Acquire an understanding of the principles of dialysis and perform the real-life application of these principles.
- Demonstrate appropriate interpersonal skills when caring for clients with kidney failure.
- Demonstrate dialysis procedures and documentation, including initiation, proper cannulation techniques, monitoring, and termination of dialysis.
- Recognize the possible complications of dialysis and acquire the skills to respond to these acute emergencies or changes in patient baseline.
- Demonstrate water treatment and dialysate preparation according to the Association of Advancement of Medical Instrumentation.
- Perform dialysis procedure regarding the principles of infection control.
- Maintain the safety, dignity, and rights of the dialysis patient.
- Exhibit proper ethical and legal behavior in giving dialysis care.

Successful completion will result in a Bismarck State College Certificate of Completion. Some job openings require certification – they are referring to National Certification described below.

Upon completion of the program, students have the option to take the Certified Clinical Hemodialysis Technician (CCHT) Exam through the Center for Nursing Education and Testing (C-NET) if the following requirements are met:

- Pay the exam fee of \$225.00.
- The applicant must successfully complete a training program for clinical hemodialysis technicians that included both classroom instruction and supervised clinical experience.

- The applicant must obtain the signature of the educator or submit a certificate of completion to verify the training program.
- Applicants should not apply until after successful completion of the structured program.

According to Job Service North Dakota the average annual salary of a Dialysis Technician in 2022 was \$40,410 or an average hourly wage of \$19.42.

Course Commitment

The Dialysis Technician course is a 15-week hybrid course to include 64 hours of online theory, 32 hours of in-person lab, and 200 hours of practicum (clinical) within a facility. To be successful students should expect to spend up to 10 hours per week learning the theory, participating in discussions and completing assignments. New theory chapters will be released for completion on a weekly basis.

Attendance for lab and practicum is mandatory. Class attendance is an essential part of the educational process of this training. Students may be dropped if attendance requirements are not met; missing more than 8 hours of lab or practicum will result in a student being dropped from the class regardless of the reason.

Students are required to take, and pass, chapter exams after each subject is covered.

Fall 2024 Course Dates

Online Theory (64 hours):

August 26, 2024 - December 20, 2024

Lab (32 hours or four 8-hour days on the BSC Campus):

September 7, October 12, October 26, and November 2

Practicum (200 hours): November 4, 2024 - December 20, 2024

Lab dates are subject to adjustments. This course follows the BSC academic calendar. Clinical schedule may include up to 40 hours per week. Contact BSC Continuing Education and TrainND for course availability or visit us online at bismarckstate.edu/dialysistechnician



Powered by: Bismarck State College

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Continuing Education & TrainND Southwest
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Contact Us

In Person



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Mail



BSC Continuing Education & TrainND
PO Box 5587, Bismarck, ND 58506-5587



Online

bismarckstate.edu/dialysistechnician

Non-Credit Course Cost

\$2,545 tuition includes online access, books, and lab supplies. A non-refundable deposit of \$500 is required to reserve a seat. The remaining tuition amount is due ten (10) business days before the course start date. Lodging and travel expenses are the financial responsibility of the student.

The Dialysis Technician course is a short-term, non-credit program; therefore, TrainND Southwest does not offer financial aid or tuition assistance. Students may qualify for funding from state and federal agencies. Go to bismarckstate.edu/dialysistechnician to learn more.

Students returning to BSC to earn a degree and who have completed this non-credit course may be eligible to receive college credit for prior learning. Students should inquire with their academic advisor to explore pursuing prior learning credit opportunities.

Refund Policy

A \$500 deposit paid upon registration is required to reserve a seat and is non-refundable. Students must contact the BSC Continuing Education office at least ten (10) business days prior to the course start date to request a refund on the remaining paid balance. If a student cancels less than ten (10) business days prior to the start of the course, the entire fee is forfeited. Full refunds are guaranteed if BSC Continuing Education cancels a course.

For Credit Course

This course is offered for college credit. In order to receive college credit for the Dialysis Technician program, you must be enrolled at BSC which includes the submission of a BSC application form and a \$35 application fee. Once approved, students must register for the following courses in Campus Connection:

- AH 110/110L Hemodialysis I/Lab
- AH 120/120L Hemodialysis II/Lab
- AH 197/297 Practicum/Internship

Fees to take the course for college credit can be obtained by contacting BSC Student Finance at 224-5533 or stop by their office on the first floor of Schafer Hall.

Student Requirements

The essential requirements below must be met or completed within the deadlines indicated.

- Must be at least 18 years old prior to the course start.
- For ESL students entering the program it is highly recommended to take an English assessment exam prior to registration. To register to take the exam, contact the BSC Testing Services Coordinator at (701) 224-5658.
- Computer or tablet for online learning.
- Mandatory attendance for lab and clinical.
- The ability to lift a minimum of 50 pounds.
- 32-hour lab practice and 200-hour practicum rotation with minimal rest periods.
- Students must have a passing grade in theory/lab before they can attend practicum.
- A valid ND Certified Nursing Assistant license is strongly recommended.
- Proof of immunizations and a criminal background check with results are required to be provided ten (10) business days prior to the course start. Students will be required to adhere to the policies of the facility where placed for their practicum.

Clinical Requirements

All students are required to meet the following requirements four (4) weeks prior to the start of the clinical experience. These are not BSC requirements, but clinical affiliation requirements. Clinical affiliation policies will be shared with you by your instructor and should be referred to for additional details and exemption allowances. BSC cannot guarantee an exemption request will be granted.

Provide documentation of the following immunizations:

- Varicella (Chickenpox)
 - Immunity via childhood disease must be medically documented
 - Positive titer results may be accepted
- Measles, Mumps, Rubella
 - If born before 1957, 1 MMR dose
 - If born in 1957 or later, 2 MMR doses
 - Positive titer results may be accepted
- Tuberculosis
 - May be required to have a two-step TB test within three (3) months of the start of the clinical experience
- Hepatitis B Series (optional with a signed waiver)
- Influenza
- Covid-19 vaccination status must be disclosed due to federal reporting requirements of clinical facilities. Vaccination is optional, however, it MAY be required based on clinical facility placement. If required:
 - Both doses must be submitted at the same time for approval, if applicable
 - Documentation must include the vaccine manufacturer

Essential requirements due prior to the practicum start include:

Current ND UAP Registry which will include a federal background check. Initial applicants must submit:

- A Unlicensed Assistive Person Application
- A Criminal History Record Check (and associated fees) according to NDAC Article 54-07-02.1
- A Non-refundable \$60.00 fee to the ND Board of Nursing
- A Verification of Enrollment Form if applying as a student technician. (BSC will provide to ND BON)
- **This is a pass / fail requirement.**

Temporary or permanent conditions limiting the ability to perform the essential student requirements must be communicated to the program manager.

Registration Requirements

- Complete an application (available at bismarckstate.edu/dialysistechnician) and submit it in person at Bismarck State College National Energy Center of Excellence, 1200 Schafer Street, Room 107 or online to bsc.training@bismarckstate.edu
- Remit a non-refundable \$500 deposit to hold a seat either in person or by calling (701) 224-5600 (must accompany the completed application)
- Upon receipt of the application form and deposit, students will receive an email from bsc.training@bismarckstate.edu detailing how to create an online account with CastleBranch to upload the proof of immunizations and to initiate the criminal background check.
- The remaining tuition, less the deposit, is due ten (10) business days prior to course start date
- Registration closes **Friday, August 9, 2024**

Failure to complete registration requirements will delay access to the course.