

Make the **smart** choice for your future.

CONSIDER A NEW CAREER AS A DIALYSIS TECHNICIAN!



As kidney failure continues to be a growing national health problem, kidney disease is driving the growing demand for well-trained dialysis technicians. Dialysis technicians are employed in hospitals, outpatient clinics, and other medical facilities. Under the supervision of physicians and registered nurses, Dialysis Technicians operate kidney dialysis machines, prepare dialyzer reprocessing and delivery systems, as well as maintain equipment. Furthermore, technicians work with patients during dialysis procedures and monitor and record vital signs.

Offered in partnership with Condensed Curriculum International (CCI), students are provided with the knowledge needed to perform the duties required of an entry-level Dialysis Technician trainee.

Primarily a lecture course, this course covers the key principles of kidney function and failure and dialysis therapy, kidney dialysis machines, dialyzer preparation and reprocessing, how to assist dialysis patients in managing their disease and treatment; and monitoring and recording vital signs.

The course has 50 hours of instructor-led classes in the classroom. Textbook is included. Student must purchase blue scrubs.

This training is appropriate for RNs, EMTs, CNAs, PCTs and other health care professionals interested in specializing in dialysis. For those without healthcare experience, this course will provide basic dialysis treatment knowledge to make the student more marketable in applying for an employee training program at a Dialysis Treatment Center.

Course Information

This Dialysis Technician program provides students with the knowledge needed to perform the duties required of an entry-level dialysis technician trainee. This course covers the following key areas and topics:

- Specific procedures to operate kidney dialysis machines
- Preparation of the dialyzer, reprocessing and delivery systems
- Equipment maintenance
- Skills to monitor and record a patient's vital signs
- The process for a dialysis teams' administration of local anesthetics and drugs as needed
- Assessment of patients for any complications that occur during a procedure

Detailed Course Topics

- Knowledge and use of aseptic techniques and standard precautions
- Renal physiology and the pathology of renal failure
- How to perform and record physical measurements including weight and vital signs
- Principles of hemodialysis and hematological aspects
- Dialyzer reuse preparation, dialysate, and delivery systems
- Basic body chemistry including fluid and electrolyte balance
- Clinical manifestations of end-stage renal disease
- Routine aspects of hemodialysis
- Dietary regulation and medication problems relating to dialysis
- Acute renal failure and dialysis
- Kidney transplantation
- Peritoneal dialysis
- Diabetes and hemodialysis
- Pediatric hemodialysis
- End-stage renal disease in the elderly
- Composition of dialysate solution
- Anticoagulation and heparin administration
- Handling of hazardous materials

CE1 266 A1 ON-CAMPUS COURSE Meets:

Monday and Wednesday, 6:00pm-9:00pm

October 4 – December 4, 2023

Registrations accepted through **September 23**.

Fee: \$1,050

Certification

Students with a high school diploma and who complete a minimum of one year of employment with on-the-job training as a Dialysis Technician at an End-Stage Renal Disease (ESRD) or medical facility can apply to take the Board of Nephrology Examiners Nursing Technology (BONENT) Certified Hemodialysis Technician certifying exam. For more information, visit <https://bonent.org/>. A current, government-issued ID and a clear record with no felonies is required to take the exam. The exam fee is not included.

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For further information,
please visit ncc.edu/workforcedevelopment

CENTER FOR WORKFORCE DEVELOPMENT
Phone: 516.572.7487 | Email: cwd@ncc.edu

REGISTRATION FORM

Please answer all questions on this form and send it together with your check, money order, or credit card information to:

CENTER FOR WORKFORCE DEVELOPMENT

Nassau Community College
One Education Drive
Garden City, New York 11530-6793

Make check payable to: Nassau Community College

OR fax the form with credit card information to:
516.828.3507 **OR email** to CWD@ncc.edu.

HOW DID YOU HEAR ABOUT OUR COURSES?

- Brochure/Mail Family/Friend
 Website Facebook/Instagram
 Email Google
 Other: _____

Last Name _____

FirstName _____

Address _____

City _____ Zip _____

Home Phone: () _____ Cell Phone: () _____

*Birthdate: mm/dd/yyyy ____/____/____ I identify my gender as: _____

Have you ever taken any courses at NCC? Yes No NCC ID# N00 _____

*Preferred E-mail: _____

*Alternate E-mail: _____

*required information

COURSE SELECTION

YOU MUST BE 17 OR OLDER TO REGISTER WITH THE EXCEPTION OF HSE AND SAT PREP COURSES.

CED #	SECTION	COURSE TITLE	DAY	FEE
Total Amount:				\$

By submitting this registration form, I am accepting the terms of the refund policy noted below.

I certify that there is sufficient credit amount on the card listed below to cover the fee charges shown on this Registration Form. Otherwise, I understand the lack of approval by my credit card company will result in cancellation of this registration for non-payment.

CREDIT CARD PAYMENT INSTRUCTIONS:

I authorize the use of my credit card account for full payment of the amount of my course registration as indicated on this non-credit registration application.

Credit Card Processing Fee of 2.75% applies ONLY if a student pays online through the NCC portal (i.e., \$100 course will be charged at \$102.75).

Step 1: Print Cardholder's name _____
(as it appears on the credit card)

Step 2: Provide Cardholder's signature: _____

Step 3: Card Information:

PLEASE Check ONE: VISA Mastercard Discover American Express

Card Number: _____ **Date of Expiration:** ____/____

Non-Credit Refund Policy: Fee is refundable when a course is canceled by the College. For a program or course offered by the Center for Workforce Development (CWD), a refund request must be received in writing at least seven (7) days prior to the start of the course to be honored by CWD. Please be advised that if a refund is due, it will take approximately 2-3 weeks to be processed.

