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. While most technician training has historically been done “on-the-job,” today’s healthcare employers are seeking well-trained technicians who possess the necessary knowledge and skills to fill this growing number of positions.

The Dialysis Technician Online Program
This Dialysis Technician Program provides students with the knowledge and skills needed to perform the duties required of a 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

Detailed Course Topics Covered
- 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

Certification
Students with a high school diploma and who complete a minimum of one year of employment 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. A current, government-issued ID and a clear record with no felonies is required to take the exam.

CE1 274 OL1 Online Course Starts October 20. Students have six months to complete the program. Fee: $1,050

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