

RENAL DIALYSIS (RENL)

RENL 1010 - Renal Dialysis Technology I (4 Credits)

This course is designed to provide students with information concerning the principles of renal dialysis; the normal operation of dialysis equipment and the procedure for performance of renal dialysis. Emphasis is placed on the procedure for the performance of renal dialysis. Content includes the technical aspects of preparing, operating, monitoring and maintaining dialysis equipment. Attention is given to medications routinely used in renal dialysis and the role of the dialysis technician. Patients' needs and safety are addressed throughout. Theoretical information is supplemented with clinical observation. Privacy issues, HIPAA requirements, standard precautions for protection of patients and personnel are emphasized. Note: Students must be accepted into the Renal Dialysis program to register for this course.

Lecture: 4 hours

RENL 1020 - Patient Care and Assessment for Renal Dialysis Technicians (3 Credits)

This course is designed to provide students with the information necessary to provide care appropriate to the renal dialysis patient. End-stage renal disease is discussed as well as methods of treatment and associated conditions. Psychosocial and dietary needs specific to patients with renal disease are discussed as is methods for patient assessment and documentation. The control of infection and measures for patient comfort and transfer are also considered.

Lecture: 3 hours

Prerequisite(s): RENL 1030 (may be taken concurrently)

RENL 1030 - Renal Dialysis Technology II (6 Credits)

This course is designed to provide students with information concerning the principles of renal dialysis. The skills critical to the recognition of complications or abnormal situations as well as the appropriate responses are stressed. An examination of previously discussed patient care skills and monitoring procedures relative to emergency situation is reviewed. Emphasis is placed on standards and regulations pertinent to water treatment, quality control issues and workplace safety. Theoretical information is supplemented with clinical observation. Written case presentations, as they relate to the dialysis patient, is required.

Lecture: 2 hours, Lab: 4 hours, Other: 24 hours

Prerequisite(s): RENL 1020 (may be taken concurrently)