



Wayne County Community College District

COURSE SYLLABUS

HMD 160 Hemodialysis Clinical Pharmacy

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

This course is an introduction to medications used in the Hemodialysis procedure. It emphasizes classification, administration, forms, methods, interaction, and desired effects of pre-, intra-, and post-hemodialysis medications. The Hemodialysis Patient Care Specialists legal responsibilities are included. This course is designed for emergency response personnel. Topics include: contribute to the reduction of growing toll of disasters in the United States by providing an understanding of a process that provides a framework that may be applied at all levels of communities and governments, to identify, analyze, consider, implement and monitor a wide range of measures that contribute to their well-being.

EXPECTED COMPETENCIES:

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

- Demonstrate his or her knowledge of medications used in the operating room.
- Become familiar with the various forms of medications and how they are administered in the operating room.
- Identify various classifications of peri-operative medications.
- Understand types of anesthesia care and possible complications.
- Recognize symptoms of toxicity and overdose of peri-operative medications.
- Demonstrate knowledge of basic calculations and measurements commonly used in the Operating Room.
- Differentiate and explain the legal responsibilities associated with surgical medications of the various surgical team members.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

90%-100% = A

80%-89.9%= B

70%-79.9%= C

60%-69.9%= D

<60% = E