

ST 110 Patient Care Concepts I

Credit Hours: 6 HRS

Scheduled hours per week:

Lecture: 3 HRs

Lab: 9 HRS

Other: 0

Catalog Course Description: Diagnostic and surgical procedures in various surgical specialties will be discussed. The clinical component will focus on developing skills in assisting team members and the organization of work by learning to use economy of time, motion, and materials.

Pre-requisites: ST 100, ST 102, BIOL 109, MATH 120

Pre/Co-requisites: ST 113, BIOL 200/201, ENGL 101

Course Learning Outcomes:

1. Practice surgical case management and apply principles of asepsis and sterile technique throughout the peri-operative experience.
2. Understand the significance of anatomy, physiology, and pathophysiology when preparing for the surgical procedure.
3. Associate legal-ethical principles to alternative strategies utilized during surgical procedures.
4. Adapt verbal and non-verbal techniques to support effective communication.
5. Model professional standards through acceptance of accountability and seeking professional growth.

Topics to be studied:

1. Patient care concepts
 - a. Biopsychosocial needs of the patient
 - b. Death and dying
2. Surgical procedures
 - a. General surgery
 - b. Obstetrics and gynecologic
 - c. Genitourinary
 - d. Orthopedics
 - e. Neurosurgical

Relationship of Course to Program or Discipline Learning Outcomes:

The course learning objectives for ST 113 are congruent with, and derived from, the five (5) program outcomes designated by the Surgical Technology Program.

Relationship of Course to General Education Learning Outcomes:	
Composition and Rhetoric Students illustrate a fundamental understanding of the best practices of communicating in English and meet the writing standards of their college or program-based communication requirements.	X
Science & Technology Students successfully apply systematic methods of analysis to the natural and physical world, understand scientific knowledge as empirical, and refer to data as a basis for conclusions.	X
Mathematics & Quantitative Skills Students effectively use quantitative techniques and the practical application of numerical, symbolic, or spatial concepts.	
Society, Diversity, & Connections Students demonstrate understanding of and a logical ability to successfully analyze human behavior, societal and political organization, or communication.	X
Human Inquiry & the Past Students interpret historical events or philosophical perspectives by identifying patterns, applying analytical reasoning, employing methods of critical inquiry, or expanding problem-solving skills.	X
The Arts & Creativity Students successfully articulate and apply methods and principles of critical and creative inquiry to the production or analysis of works of art.	X
5/3/2016	

Special requirements of the course:

- Surgical specialty rotations
- Post-clinical conference reports
- Clinical case logs
- Midterm projects
- Computer and internet access is required

Additional information:

- Physical examination with required immunizations or waiver as indicated
- Current Health Care Provider CPR Certification, the American Heart Association Health Care Provider (with use of AED)
- Background Check
- Randomized, mandatory drug screening without notice
- Travel required to area clinical settings
- Required education as determined by the faculty and affiliate health care agencies

Prepared by: Rose Beebe, EdD, MS, RN

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