

SRG 121 - SURGICAL PROCEDURES I

Course Description

Students in this course will study the relevant surgical anatomy and physiology, pathophysiology, supplies, equipment, and instrumentation needed for a variety of procedures in the areas of general, obstetrics and gynecological, genitourinary, and orthopedic surgery. Group 2 course.

Credit Hours

4

Contact Hours

4

Lecture Hours

4

Required Prerequisites

SRG 101, SRG 101L, SRG 102, SRG 103; SRG 122 and SRG 123 may be taken concurrently

Corequisites

SRG 121L

Course Learning Outcomes

Knowledge:

- Identify the relevant surgical anatomy and physiology to general, OB/GYN, genitourinary and orthopedic surgical procedure categories.
- Identify the relevant pathophysiology to general, OB/GYN, genitourinary and orthopedic surgical procedure categories.
- Define the medical terminology relevant for general, OB/GYN, genitourinary and orthopedic surgical specialty category.
- Identify the diagnostic interventions that are utilized to obtain a diagnosis for general, OB/GYN, genitourinary and orthopedic surgical procedures.
- Identify specific factors that are unique to general, OB/GYN, genitourinary and orthopedic surgical category.
- Describe the wound classification and correlate to wound management for general, OB/GYN, genitourinary and orthopedic surgical procedures.
- Identify ethical issues that correlate to general, OB/GYN, genitourinary and orthopedic surgical specialties.
- Identify the required instrumentation that correlate with general, OB/GYN, genitourinary and orthopedic surgical procedures.

Application:

- Coordinate learned aseptic and sterile technique skills with human pathophysiology, anatomical and physiological knowledge through case study application for general, OB/GYN, genitourinary and orthopedic surgical procedures.
- Analyze instrumentation needs for general, OB/GYN, genitourinary and orthopedic surgical procedures via case study application.
- Analyze ethical and legal issues pertinent to the surgical setting via case study application.

Integration:

- Integrate knowledge of cultural and religious preferences into surgical case preparation for general, OB/GYN, genitourinary and orthopedic surgical procedures.
- Assess the need for surgical based variations depending on the variations in human pathophysiology as well as anatomy physiology on a case by case basis for general, OB/GYN, genitourinary and orthopedic surgical specialties.
- Create a planning strategy for case preparation on a case by case basis based on diagnostic, instrumentation, and wound management requirements for general, OB/GYN, genitourinary and orthopedic surgical specialties.

Human Dimension:

- Demonstrate compassion in perioperative patient care and professional relations.
- Identify communication skill requirements for interactions with patients, family and surgical team member of varying cultures, ethnic and religious backgrounds, as well as varying socioeconomic statuses.

Caring - Civic Learning:

- Commit to an ethical, moral, legal and professional work environment as it applies to overall patient satisfaction, surgical outcome, and a team centered environment.

Learning How to Learn:

- Identify resources within the healthcare setting to assist with patient and family needs as they apply to postoperative recovery.
- Collaborate with surgical team members to identify corrective actions as they apply to variations during surgery.