

SURG-230 SURGICAL ANATOMY

4 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Course prepares student for the advanced detail of surgical anatomy, physiology. Includes a review of the common function and structures of the human body including the surface anatomy. Other topics include relevant medical terminology, pathophysiology, etiology, disease, chemistry, microbiology, physics, and the technological sciences and congenital anomalies commonly encountered during surgical related interventions. In addition, pathology classification, cellular injury, types of necrosis, inflammation, types of injury, nutritional and metabolic pathologies, immunological disorders, neoplastic disorders, circulatory pathologies, hemodynamic management, and pain management will be included.

Prerequisites: Admission to the Surgical First Assistant Program Consent required

Semester Offered: Fall / Spring Semester

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

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

1. Comprehend the overview and basic concepts to surgical anatomy
2. Discuss the Back, Vertebral Column and Upper limbs
3. Discuss the Thorax and Abdomen
4. Discuss the Pelvis, Perineum including the Lower Limbs
5. Demonstrate understanding of the Head, Neck and Cranial Nerves