

## **Fundamentals II**

ANES 1155

### **DEGREE PROGRAM COURSE DESCRIPTIONS**

This course provides didactic, laboratory, and clinical instruction to prepare the student with the cognitive, psychomotor, and affective learning skills related to anesthesia technology fundamentals. Topics include: human pathophysiology, surgical procedures, positioning, special equipment needs, and anesthesia technology care plan development. Additional topics include an introduction to anesthesia emergencies, e.g., difficult airway algorithms, malignant hyperthermia, fire in the operating room, cardiac arrest, anaphylaxis, and local anesthesia toxicity. Clinical settings will include adult and pediatric hospital operating rooms, interventional and diagnostic radiology, outpatient procedure suites, labor and delivery suites, and ambulatory surgery centers. All clinical experiences will be under direct supervision with a clinical preceptor. By the end of the semester, students will independently set-up equipment, anticipate the anesthesia provider's needs during routine and emergency procedures, and recognize the patient's response to medications and treatments administered by the anesthesia provider. This course satisfies the computer proficiency requirement.

### **PREREQUISITES?**

ANES 1124; Co-requisites: ANES 1134; ANES 1143

### **CREDIT HOURS**

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