

SUR 402 : Surgical Specialties III

The course provides a comprehensive study of intermediate and advanced surgical specialties that trainees are exposed to in the third clinical rotation; orthopedics, peripheral-vascular, thoracic, cardiothoracic, pediatric and trauma.

Emphasis is placed on related surgical anatomy, pathology and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies and equipment. Upon completion, trainees should be able to correlate, integrate and apply theoretical knowledge of the course topics to the clinical operative environment. **This course is designed to introduce trainees to the generally required surgical techniques involved in orthopedic, cardiothoracic, peripheral vascular surgeries, trauma and pediatrics. Describe the pathology and related terminology of each system or organ that prompts surgical intervention; Identify the names and uses of special equipment required for these various surgical procedures; Demonstrate the purpose and expected outcomes of these various procedures; Identify any specific variations related to the preoperative, intra-operative and post-operative care of various surgical patients; and Work cooperatively with others in a professional manner.

Credits 4