

Surgical Processing

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SPT100 Introduction to Surgical Processing

3 Credit Hours

Students are introduced to the importance of the Central Service Department and its role in providing quality patient care. Government regulations and standards, infection prevention and control, quality assurance, safety, communication, and human relations skills are discussed. Students become familiar with the major body systems and related surgical procedures. Medical terms and abbreviations used in surgery are emphasized.

SPT110 Surgical Instrumentation I: Inspection, Identification, Handling

4 Credit Hours

Study of the basic categories of surgical instruments (simple to complex); processing standards accompanying flash sterilization; concepts of inventory management; and management of commonly used patient-care equipment.

Prerequisite or Corequisite: SPT100

SPT120 Surgical Instrumentation II: Sterile Packaging and Processing

4 Credit Hours

Provides an overview of the sterile packaging process, including reusable and disposable packaging materials. Factors impacting sterilization, including steam, dry heat, ethylene oxide, hydrogen peroxide (gas plasma), and ozone are discussed.

Prerequisite: SPT110

SPT130 Sterilization, Cleaning, and Decontamination Techniques

4 Credit Hours

Provides an overview of water purification systems, factors impacting water quality, distillation, deionization, reverse osmosis systems, cleaning chemicals, and various methods of cleaning and decontamination. Includes tours to hospitals, ambulatory surgery centers, and medical offices.

Prerequisite: SPT110

SPT150 Surgical Processing Clinical Practicum

8 Credit Hours

Supervised practical work-experience program in a sterile processing environment which provides students with hands-on experience. Didactic and laboratory skills acquired in the program are applied in the clinical setting.

Prerequisite: Departmental approval

SPT151 Clinical Seminar

2 Credit Hours

Students focus on integrating the skills learned throughout the program with the work experience.

Corequisite: SPT150