

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: CSP 107

Credits: 1

Course Title: Fundamentals of Central Sterile Services

Course Description: Prepares the student for entry level practice in assembly area of the central service department. Covers the packaging process and sterilization method with an emphasis on disposable packaging materials, package closure methods, package labeling, sterility maintenance, selection of appropriate packing material, and identification of instruments by category, use, and name. Emphasizes quality assurance to enable the student to inspect, assemble, and prepare instrumentation for packaging. Lecture 1 hour per week.

General Course Purpose: This course develops competency for the clinical experience where the student will identify surgical instruments by category, use, and name for the preparation and packaging for use in hospital procedures.

Course Prerequisites and Co-requisites:
None

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Understand the importance of properly inspecting surgical instruments prior to packaging;
- b. Explain the basic objectives of the packaging process;
- c. Review general packaging concepts;
- d. Differentiate between reusable and single-use medical devices;
- e. Demonstrate the proper procedures for assembling instruments/procedure trays;
- f. Differentiate between various trays of special instrumentation utilized in operating rooms;
- g. Describe the use and function of various internal and external indicators;
- h. Describe the methods of closing and sealing packages and how this indicates the sterilizing agent to be used;
- i. Demonstrate selection of appropriate packaging material for specific instruments;
- j. Describe rigid container systems;
- k. Demonstrate wrapping techniques; and
- l. Explain terminology associated with packaging.

Major Topics to Be Included:

- a. Preparation/Packaging/Surgical Instruments Procedures
- b. Instrument Sorting and Packaging
- c. Internal and External Indicators
- d. Work Environment
- e. Inspecting Items for Functionality
- f. Assembling Items for Packaging
- g. Packaging Method
- h. Labeling Method
- i. Packaging Process
- j. Package Sealing Methods
- k. Rigid Container Systems
- l. Peel Packs
- m. Wrapping Techniques
- n. Package Labeling

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