

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: CSP 101

Credits: 1

Course Title: Introduction to Central Sterile Services

Course Description: Introduces students to the central service area of health care facilities and the responsibilities and role of the Certified Registered Central Service Technician (CRCST). Explores the practical application of concepts and procedures, such as regulations and standards, safety, personal protective equipment (PPE), universal precautions, and the work flow of the central service department. Discusses disinfection, decontamination, transportation of soiled items, and cleaning processes. Explores the basics of instrumentation assembly and how to process instruments, including disassembly. Lecture 1 hour per week.

General Course Purpose: This course is designed for students interested in a health-related career in the central sterile department. The course prepares students to perform the role of central service technician in the areas of disinfection, decontamination, transportation of soiled items, and processing of surgical instrumentation and equipment.

Course Prerequisites and Co-requisites:

None

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Identify the roles and responsibilities of the Certified Registered Central Service Technician (CRCST);
- b. Identify basic knowledge and skills required to be an effective Certified Registered Central Service Technician (CRCST);
- c. Explain the work flow process in the central service department;
- d. Explain regulations, voluntary standards, and regulatory standards;
- e. Discuss how organizations and associations that develop regulations and standards affect central services;
- f. Discuss universal precautions;
- g. Identify the importance of personal protective equipment and standard precautions;
- h. List the steps in the cleaning process;
- i. Identify the different types of disinfectants and when it is appropriate to use them;
- j. Describe how instrumentation is made and how to process it;
- k. Identify the types of cleaners that are appropriate for cleaning medical instrumentation and equipment;
- l. Explain how to use decontamination equipment;
- m. Describe water quality and how it affects the cleaning process; and
- n. Describe how to transport soiled items safely.

Major Topics to Be Included:

- a. Overview of the role and responsibilities of the CST
- b. Overview of the basic knowledge and skills required in each area of the central service department:
 - o Decontamination
 - o Sterilization
 - o Supply and processing
 - o Distribution
 - o Safety
- c. Work and regulatory environment
- d. Documentation and record keeping for regulatory agencies
- e. Universal precautions
- f. Cleaning processes
- g. Basic disinfectants
- h. Transportation of soiled items
- i. How instrumentation is manufactured and processed
- j. Decontamination equipment
- k. Cleaning agents
- l. Disinfectants
- m. Water quality and how it affects the cleaning process.

Effective Date of Course Content Summary: Spring 2018