

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

Course Prefix and Number: CSP 196 **Credits:** 3

Course Title: On Site Training - Central Sterile Technician Clinical Applications

Course Description:

Specializes in career orientation and training program without pay in selected businesses and industry, supervised and coordinated by the college. Provides students with initial hands-on practice in the clinical setting of central sterile service required for provisional certification as a CRCST. Laboratory hours 12 hours. Total 12 hours per week

General Course Purpose:

This course provides clinical experience in the central sterile environment in preparation for practice as a certified central sterile technician, 180 hours toward the 400 clinical hours required for the IAHCSTMM certification exam.

Course Prerequisites and Co-requisites:

Prerequisites:

SDV 101, BIO 145, CSP 101, CSP 107, CSP 205, HLT 105, HLT 143, SUR 150,
ENG 111

Co-requisites:

SUR 100, SUR 135

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Demonstrate use of Personal Protective Equipment (PPE);
- b. Demonstrate procedure(s) that utilize infection prevention and control (before work practices and hand hygiene practices);
- c. Perform decontamination of hospital instrumentation and equipment;
- d. Demonstrate correct use of decontamination equipment;
- e. Demonstrate how to inspect, test, and process instrumentation in the clinical setting;
- f. Discuss environmental concerns in central service areas;
- g. Demonstrate how to select and use various types of disinfection;
- h. Demonstrate the use of various chemical monitors with the processing of instrumentation and equipment to help determine sterility;
- i. Use common cleaning chemicals and demonstrate basic protocols for their use;
- j. Illustrate the importance of brushes and cloths in an effective cleaning process;
- k. Apply the basis of distillation, deionization, and reverse osmosis water purification system;
- l. Explain regulations and standards required to perform duties safely;
- m. Demonstrate when it is appropriate to use machine washers versus hand washing of surgical equipment; and
- n. Demonstrate how to test decontamination equipment.

Major Topics to Be Included:

- a. Cleaning, decontamination, and disinfection processes
- b. Infection control
- c. Personal protective procedures and equipment
- d. Work area conditions
- e. Preparation of decontamination work area
- f. Quality testing of decontamination equipment
- g. Testing, inspecting, and processing instrumentation
- h. Documentation, recordkeeping, and maintenance of decontamination and processing areas
- i. Decontamination equipment
- j. Transportation of soiled instrumentation and equipment

Date Created/Updated: November 04, 2025