

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: ST1007- Sterile Processing and Distribution Technician

II. COURSE DESCRIPTION: 7 credit hours
4 credit hours of lecture and 3 credit hours of lab per week.

This course provides the fundamentals of sterile processing, and distribution (SPD). Instruction and practice is given in aseptic technique. The student shall be exposed to a practical "hands-on" experience in the preparation and packaging of surgical instrument sets, as well as the identification of basic surgical instruments. The objective is for the student to learn the material from the lecture component, as well as attain the necessary skills to take the certification exam provided by the Certified Board of Sterile Processing and Distribution.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Pre-requisite: None.

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

[Mission]

IV. TEXTBOOK AND MATERIALS:

1. Chobin, Nancy. (2018) The Basics of Sterile Processing 7 Ed. Sterile Processing University.
2. Chobin, Nancy. (2018) Workbook for The Basics of Sterile Processing 7 Ed. Sterile Processing University.
3. Phillips, N., Sedlak P. (2017) Surgical Instrumentation, 2nd Ed. Clifton Park, NY: Delmar Cengage Learning with Mind Tap.

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

- 1: Read with comprehension, be critical of what they read, and apply knowledge gained to real life
- 2: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

5: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

6: Exhibit skills in information and technological literacy

9: Exhibit workplace skills that include respect for others, teamwork competence, attendance/punctuality, decision making, conflict resolution, truthfulness/honesty, positive attitude, judgment, and responsibility

VI. COURSE OUTCOMES:

1. Analyze sterile storage, distribution, and inventory control.

2. Describe aseptic technique, theories, and practice used in central service.
3. Describe aseptic techniques and methods of sterilization.
4. Describe safety and legal aspects involved in the care of patients in a surgical environment.
5. Describe the history of the central service in surgical science.
6. Describe the role of the central service technician
7. Design a plan for distribution and inventory control of various items.
8. Design a plan of action for preparation and packaging for sterilization.
9. Discuss and evaluate methods of decontamination.
10. Discuss the importance of following directions.
11. Evaluate infection control, decontamination, and terminal sterilization.
12. Identify and describe common surgical instrumentation.
13. Identify career opportunities for a central service technician.
14. Identify the instruments used in the operating room and surgical suites.
15. Identify instruments used in procedures throughout a medical center
16. Learn sterile processing terminology
17. List the four types of communication
18. Operate various sterilizers
19. Participate in team player techniques
20. Review basic microbiology and human anatomy and physiology
21. Review basic rules for medical center communications (including telecommunications)

VII. COURSE OUTLINE:

1. Roles and Responsibilities
2. Anatomy and Physiology
3. Microbiology
4. Infection Prevention
5. Decontamination
6. Disinfection Process
7. Processing Patient Care Equipment
8. Preparation and Packaging of Instruments and Devices
9. Types of Surgical instruments and Specialty Devices
10. Sterilization
11. Inventory Control, Storage, and Distribution
12. Sterile Storage

VIII. INSTRUCTIONAL METHODS:

This course will be delivered to students in an online interactive format via the Internet. Students will be able to read lectures online, ask questions of the instructor via e-mail, and complete assignments and exams via the web-based learning platform. Learning opportunities will be presented in a variety of ways: reading and writing assignments; online discussions; online learning activities; quizzes and exams. Students will learn, demonstrate and refine sterile processing skills at clinical facilities through clinical rotations at coordinating hospital.

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

1. Textbooks
2. Internet
3. Handouts
4. Audiovisual media
5. Current periodicals
6. Clinical affiliate preceptors

X. METHODS OF ASSESSMENT:

SCCC Outcome #1 will be assessed and measured by class participation and writing assignments indicating comprehension of material read.

SCCC Outcome #2 will be assessed and measured by writing assignments throughout the course.

SCCC Outcome #5 will be assessed and measured by the student score on course assignments and the course examinations.

SCCC Outcome #6 will be assessed by writing assignments and discussion assignments.

SCCC Outcome # 9 will be assessed by staff evaluations and daily clinical performance grades.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.