Subject:	ALH
Course Number:	502
Descriptive Title:	Sterile Processing
Division:	Health Sciences and Athletics
Department:	Allied Health
Course Disciplines:	Health Care Ancillaries
Catalog Description:	This noncredit course prepares students to become safe and competent Sterile Processing Technicians (SPT) in a variety of healthcare facilities. It covers the disinfection, preparation, processing, storage, and issuing of both sterile and non-sterile supplies and equipment for patient care, the operation of sterilization units, and procedures for monitoring the effectiveness of the sterilization process. The course prepares students for the Sterilization Processing and Distribution Technician Certification Exam for becoming a Central Sterilization Processing and Distribution Technician. *Note: This course requires a lab fee.*
Prerequisite:	None
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	3
Hours Laboratory (per week):	0
Outside Study Hours:	6
Total Course Hours:	54
Course Units:	0
Grading Method:	Pass/No Pass/SP
Credit Status:	Non Credit
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education ECC:	
Term:	
Other:	
CSU GE:	
Term:	
Other:	

IGETC:	
Term:	
Other:	
Student Learning Outcomes:	**SLO #1 Infection Control** Apply basic principles of infection control and microbiology for preparation of various surgical instrumentation and other items associated with the sterilization process. **SLO #2 Sterile Process Development** Identify the agencies involved with the development of standards and their application to the sterile process. **SLO #3 Quality Control** Demonstrate quality control and safety techniques associated with the sterile process.
Course Objectives:	1. Demonstrate the steps of instrument cleaning. 2. Identify the classifications, names, parts, materials, finishes, and uses of basic surgical instrumentation. 3. Demonstrate the proper decontamination of surgical instruments. 4. Explain the roles and responsibilities of sterile processing technicians. 5. Demonstrate different sterilization processes. 6. Demonstrate proper sterile packaging of instruments.
Major Topics:	I. **Introduction to Surgical Technology (6 hours, lecture)** A. Scope B. Tasks C. Responsibilities **II. Safety (6 hours, lecture)** A. Personal protective equipment B. Biomedical and chemical hazards C. Instrument handling and cleaning **III. Surgical Instruments (6 hours, lecture)** A. Classifications B. Uses C. Materials management **IV. Sterile packaging (6 hours, lecture)** A. Packaging B. Wrapping C. Types of materials D. Heat sealing E. Placement of biological indicators F. Sterile storage

	V. Sterilization (6 hours, lecture) A. Steam sterilization B. Ethylene oxide C. Low temperature D. Biological chemical indicators E. Documentation **VI. Infection control (6 hours, lecture)** A. Aseptic technique B. Standard/universal precautions C. Terminology related to disinfection and sterilization **VII. Decontamination (6 hours, lecture)** A. Cleaning process B. Chemicals C. Ultrasonic cleaning D. Safety precautions **VIII. Inventory Management (6 hours, lecture)** A. Performing a full instrument inventory B. Count sheets C. Electronic instrument tracking systems **IX. Medical and Surgical Terminology (6 hours, lecture)** A. Body systems B. Surgical procedures related to body systems
Total Lecture Hours:	54
Total Laboratory Hours:	0
Total Hours:	54
Primary Method of Evaluation:	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	In one to two paragraphs explain the different types of materials used in sterile packaging.
Critical Thinking Assignment 1:	In one to two paragraphs explain the steps in inventory management.
Critical Thinking Assignment 2:	In one to two paragraphs explain why items are allowed to cool on a sterilizer before being placed in storage.
Other Evaluation Methods:	Class Performance, Completion, Embedded Questions, Homework Problems, Matching Items, Multiple Choice, Objective Exam
If Other:	
Instructional Methods:	Demonstration, Discussion, Group Activities, Lecture, Multimedia presentations, Role play/simulation

If other:	
Work Outside of Class:	Answer questions, Required reading, Study
If Other:	
Up-To-Date Representative Textbooks:	*The Basics of Sterile Processing Textbook*, 7th edition. Edited by Nancy Chobin. Sterile Processing University, LLC. 2006. (Discipline Standard)
Alternative Textbooks:	
Required Supplementary Readings:	
Other Required Materials:	
Requisite	
Category	
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
Requisite Skill:	
Requisite Skill and Matching skill(s): Bold the requisite skill(s). if applicable	
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Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). if applicable	
Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Matthew Kline
Date:	03/23/2023

Original Board Approval Date:	12/18/2023 effective SP 2024