



## MISSION STATEMENT

*"The official mission of BCI is to bring skill based education to all persons wanting a career in allied health care"*

### HOSPITAL CENTRAL SERVICE TECHNICIAN - Basic

**Meeting Time:** Monday through Friday (regular class schedule)

**Instructors:** TBA

**Office Address:** 422 Main St, Malden Ma

**Office Phone:** (781)333-3522

**E-mail:**

**Office Hours:** By appointment

**Text:** IAHC SMM CRCST 8<sup>th</sup> Edition and Workbook

**Admissions Requirement:** High School Diploma or Equivalent

#### I. Course Description

An intensive, hands-on course of study developing essential skills necessary to enter the field of Central Supply and Infection Control within a hospital or industrial settings. Course participants will participate in a wide variety of classroom activities centered on decontamination and sterilization of surgical instruments and prosthetic devices.

#### II. Course Goals and Objectives

Students will gain familiarity with;

- General Medical Terminology
- Basic Human Anatomy
- Basic Microbiology in Central Supply
- Central Supply and Infection Control Departmental Mission
- Understanding and Adherence to Standard Precautions Policies and Protocols
- Instrument Identification

- Instrument Handling
- Introduction to Organic and Inorganic Solvents and Solutions
- Principles of operation of Sterilizes
- Equipment Decontamination Procedures
- Equipment Sterilization Procedures
- Sterile Wrapping and Packaging
- Equipment Storage and Distribution

Allied Health Seminars are incorporated into the advanced practice program (See Below) goals of this model curriculum are to:

### **III. Class Expectations and Assignments**

The course is designed to integrate discussion and interaction of students on the multiple knowledge areas. Students are expected to spend about 2 hours reading assigned materials, watch associated videos and presentations and/or work on a group project before and after each class. Class participation will be assessed by attendance and participation in in-class learning activities. Display professionalism in regards to ethical and responsible behavior in compliance with clinical and educational standards.

### **IV. Grading**

Each student must attain a grade of 75% or higher to pass

The final grade is made up of:

- Quizzes – Beginning of each class
- Skills Competency as evaluation of class Participation
- Final Exam

A cumulative final grade below 75% is considered a failing grade. The student is allowed one make-up test. In case the student fails the make-up test, he/she will be offered remedial classes for a prorated fee based on the number of sessions.

### **V. Outcomes**

At the completion of this class students will be able to demonstrate the following:

- Demonstrate basic technical skills in managing the process for surgical instrumentation sterilization, inventory control and supply chain management, and information technology as it relates to the sterile processing environment.
- Demonstrate professional behaviors of caring, accountability, responsibility, respect for the quality care of patients, acceptable attitude and attire, and organization and time management skills.
- Utilize critical thinking skills as a basis for clinical judgment and anticipatory decision making when managing all tasks related to sterile processing.
- Effectively apply verbal, nonverbal, and written communication principles and skills in classroom.
- Maintain industry standards of quality control and safety principles in the workplace.
- Uphold legal and ethical standards and adhere to principles of patient confidentiality within the health care community environment as defined by HIPAA.

**Student success is our priority, don't hesitate to ask questions and always give your best!!!!**

**Good Luck**

## WEEKLY TOPICS AND LABS

Each week a new topic will be introduced with audio-visual presentation coupled with a lecture and demonstration. A lab period is allotted on a different day where students will practice hands-on clinical skills.

TOPIC	LAB	WEEK(S)
<b>Medical Terminology Essentials</b>	Infection control	1
<b>Medical Terminology Anatomy</b>	Infection Control	2 - 3
<b>Microbiology</b>	Environmental Lab	4 – 5
<b>Tools for Cleaning</b>	Water Detergent lab	6 -7
<b>Disinfection Decontamination</b>	Decontamination Lab	8-9
<b>Packaging Materials</b>	Packaging lab	10
<b>Steam Sterilization Essentials</b>	Steam Sterilization lab	11-12
<b>Low Temperature Sterilization</b>	Low Temp lab	13-14
<b>Surgical Instrumentation</b>	Instrument Lab	15-16
<b>Complex Surgical Instruments / Endoscope</b>	Endoscope Lab	17-18
<b>Regulatory Agencies</b>	Sterilization / Decon	19-20
<b>Patient Care Equipment</b>	Sterilization / Decon	21-22
<b>Inventory Management</b>	Sterilization / Decon	23-24
<b>Exam Review</b>	Mock Exam	
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