



Sterile Processing Part 1

Welcome to ST011: Sterile Processing Part 1!

Please read the information in this syllabus before proceeding to the course materials.

Credits 1 credit hour

Prerequisites None

INSTRUCTIONAL TEAM

Our Academic Advisors are also available to help you when you need it. They are trained to provide answers to your questions about the course or program.

Phone: 1-800-224-7234

Hours: 8:30AM – 8:30PM (Eastern Standard Time), Monday-Friday

MAIL

James Madison High School

6625 The Corners Parkway, Suite 500

Norcross, GA 30092

TEXTBOOK

International Association of Healthcare Central Service Materiel Management (2016). *Central Service Technical Manual* (8th ed.). Chicago, IL: IAHCSSMM.

COURSE DESCRIPTION

The Sterile Processing program is designed to provide the student the knowledge and skills required for entry-level work as a sterile processing technician. The program focuses on introductory sterile processing concepts and professional proficiencies. It will prepare students to execute the necessary activities that are performed daily in the sterile processing department. The program is designed to develop the comprehension learners need to sit for the Certified Registered Central Service Technician (CRCST) exam through the International Association of Healthcare Central Service Materiel Management (IAHCSSMM)*.

*The CRCST certification requires that you pass the certification exam and complete 400 hours of hands-on experience in a sterile processing department. These hours can be completed before testing or within 6 months of passing the exam. For more information, visit the IAHCSSMM website:

<https://www.iahcsmm.org> James Madison High School does not require you to complete the CRCST examination or the 400 hours of hands-on training as part of your studies.

LEARNING OBJECTIVES

After completing Sterile Processing Part 1, students will be able to:

- Recognize the fundamental practices and procedures of aseptic technique
- Identify common pathogens found in the medical setting and the precautionary measures



healthcare workers take to minimize the risk of contracting diseases

- Identify HIPAA privacy rules and regulations and patient information commonly maintained by a healthcare facility
- Recognize the duties and requirements of the sterile processing technician in the healthcare setting
- Identify basic concepts of anatomy, physiology, microbiology, microorganisms, and medical terminology related to the duties of sterile processing technicians
- Identify industry regulations and best practice standards common in the sterile processing field and the organizations responsible for setting the regulations and standards
- Identify common and complex surgical instruments, industry approved practices for decontamination and sterilization of medical supplies and equipment, and the proper ways to transport equipment

LESSONS	TOPICS
Lesson 1: Allied Health Careers	Introduction to the basic operations of allied health careers and the legal and ethical issues students may encounter while working in the many different venues available for these fields.
Lesson 2: Medical Terminology	Fundamentals and origins of medical terms; analyzing, defining, and creating medical terms; identifying major body structures and directional terms.
Lesson 3: Principles of Aseptic Technique	Aseptic technique defined; the reasoning for aseptic technique; clinical settings where aseptic technique is used; essential preoperative, intraoperative, and postoperative aseptic practices and procedures; aseptic nontouch technique; definition of a clean technique; recommended technique for commonly performed procedures.
Lesson 4: Bloodborne Pathogens and HIPAA Regulations	Definition of bloodborne pathogens; common bloodborne pathogens; exposure accidents in the healthcare setting; exposure control plan; universal precautions in the healthcare setting; HIPAA privacy and security rules and their implications in the sterile processing setting; difference between privacy and security; types of protected health information within the medical field.
Lesson 5: Introduction to Sterile Processing	Introduction to the concepts, processes, skills, responsibilities, and standard requirements of sterile processing; review of basic anatomy, physiology, concepts of microbiology and microorganisms types related to the duties of sterile processing technicians.
Lesson 6: Regulations and Infection Prevention	Industry regulations and established practices used for central sterile processing; federal agencies and professional organizations; principles of asepsis; personal hygiene and attire; managing the spread of bacteria; elements of transmission and the chain of infection.
Lesson 7: Decontamination, Disinfection, and Surgical Instruments	Decontamination practices for point-of-use preparation and equipment transport; cleaning, decontamination, and disinfection practices for common instrumentation and equipment; equipment and tools used for the decontamination process; identification of standard and complex surgical instruments.



GRADING

The following point totals correspond to the following grades:

POINTS GRADE

100-90	A
89-80	B
79-70	C
65-69	D
Below 65	F

James Madison High School allows 2 attempts on exams. If a student is not satisfied with his/her score on the 1st attempt, an exam may be resubmitted. The 2nd attempt is not required as long as the final course average is above 65%. The higher of the 2 attempts will be the score that counts towards the final average.

Exams are timed and once you begin an exam, the timer runs continuously, even if you leave the course. Refer to the exam instructions for the time limit (in most cases 3 hours), but the time limit cannot be spread over multiple days.

GRADE WEIGHT

TOPIC	ACTIVITY	PERCENTAGE
Lesson 1: Allied Health Careers	MC Quiz	14.29%
Lesson 2: Medical Terminology	MC Quiz	14.29%
Lesson 3: Principles of Aseptic Technique	MC Quiz	14.29%
Lesson 4: Bloodborne Pathogens and HIPAA Regulations	MC Quiz	14.29%
Lesson 5: Introduction to Sterile Processing	MC Quiz	14.28%
Lesson 6: Regulations and Infection Prevention	MC Quiz	14.28%
Lesson 7: Decontamination, Disinfection, and Surgical Instruments	MC Quiz	14.28%

ACADEMIC AND COURSE POLICIES



James Madison HIGH SCHOOL

Please see the Academic Policies section in the James Madison High School Catalog for information on Course policies, including the Exam/Assignment Retake Policy, Grading Policy, Academic Honesty Policy, and Student Conduct Policy.

