

COURSE SYLLABUS

COURSE: MED 138 INFECTION/HAZARD CONTROL

HOURS: Lecture: 2 Lab: 0 Shop/Clinical: 0 Credits: 2

COURSE DESCRIPTION:

This course introduces the student to infection and hazard control procedures necessary for the healthcare worker. Topics include introduction to Microbiology, Practical Infection Control, Sterilization and Monitoring, Chemical Disinfectants, Aseptic Technique, Infectious diseases, and applicable North Carolina laws. Upon completion, students should be able to demonstrate an understanding of infectious diseases, disease transmission, infection control procedures, biohazard management, OSH standards, and applicable North Carolina laws.

PREREQUISITE(S): None

COREQUISITE(S): None

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Zelman, Mark. *Infection Control and Safety, 1st Edition*. New York, NY: Pearson, 2014. Print. ISBN# 97810133045666
Readability Level: 14.9

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Understand and implement standard, universal and transmission-based precautions as they pertain to the healthcare arena.
2. Describe the different types of microorganisms that cause communicable and infectious diseases.
3. Apply safe work practices, engineering and administrative controls.
4. Describe the main elements of a safety plan for the ambulatory care setting.
5. Name the major organizations/agencies (including OSHA) that provide guidelines for the ambulatory care setting.
6. Know the main types of healthcare-associated infections, how they are transmitted and best practices for prevention.
7. Demonstrate the proper use of personal protective equipment (PPE) including which PPE would be needed in different situations.
8. Describe the blood-borne pathogen standard, the risks of blood-borne pathogens, and prevention of blood-borne pathogen transmission.
9. Understand and demonstrate the best practices in regards to chemicals typically found in the ambulatory care setting including OSHA standards and Material Safety Data Sheets (MSDS).

10. Understand and demonstrate the best practices in regards to safety and safe handling of radioactive materials typically found in the ambulatory care setting.

SYLLABUS INFORMATION:

The Student Learning Outcomes listed in this syllabus are those required actions that a student who successfully completes the course must be able to perform. The educational experience, however, is a two-way, interactive process involving both the student and the instructor. The student must play an active role in the learning process in order to be successful. Instructors will provide an Instructor's Syllabus at the first class meeting explaining how they measure each of the Student Learning Outcomes. A student who is unable to accomplish the outcomes will not receive a passing grade in the course.

The information in this BCC Syllabus may not be accurate beyond the current semester. Textbooks and other course materials are subject to change. Students should verify the textbooks at the first class meeting with their instructor prior to purchasing.

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GRADING SYSTEM:

Brunswick Community College employs a system of letter grades and corresponding quality points per grade to evaluate a student's performance in meeting the stated goals and objectives for each course. The grading system is published in the [BCC Catalog and Student Handbook](#).

ATTENDANCE POLICY:

Each student has individual responsibility for attending class regularly and for meeting course objectives. A student is expected to attend all class meetings in a course. Rules on tardiness and leaving class early are addressed in each instructor's syllabus. Instructors are required to record absences and report excessive absenteeism to the Registrar.

If a student is absent for any reason in excess of 20 percent of the class hours, he or she is in violation of the Brunswick Community College attendance policy. Unless the student officially withdraws from the course prior to the 65 percent point of the 16 week semester (or equivalent days for courses of other duration), he or she may receive a grade of "F."

Students who receive an "EXCESSIVE ABSENTEEISM NOTICE" are advised to contact their instructors immediately to review the conditions for withdrawing from the course or for continuing the course.

STUDENTS WITH DISABILITIES:

Brunswick Community College complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, which require that no qualified student with a disability be excluded from participation in or be denied the benefits of any services, programs or activities on the basis of his or her disability. If a student has a disability that is covered by the Americans with Disabilities Act and requires accommodations in the classroom and/or in extracurricular activities, the student must request the accommodations in writing and submit the request to the Disability Services Coordinator. Instructors will not provide accommodations without notification from the Disability Services Coordinator. Brunswick Community College will make every effort to provide reasonable accommodations.