



MISSION STATEMENT

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

INFECTION CONTROL DIDACTIC COURSE

Meeting Time: Wednesdays 9:00am – 3:00pm and Fridays 9:00am – 3:00pm Lab

Instructors: TBA

Office Address: 422 Main St, Malden MA 02148

320 Washington St, Brookline, MA 02445

Office Phone: Malden (781)333-3522 - Brookline (617)383-6058

E-mail: TBA

Office Hours: By appointment

Admissions Requirement: High School Diploma or Equivalent

I. Course Description

Infection control practices can greatly reduce hospital associated infections. The goal of infection prevention is to protect the patient and protect the care giver and visitors in a cost-effective manner. This course is designed to provide participants with an overview of contemporary infection prevention and control practices for a variety of settings. This includes broad application globally.

II. Course Goals and Objectives

These goals and objectives will include discussions of human health issues as it related to the issue of infection control.

III. Class Expectations and Assignments

The course is designed to integrate discussion and interaction of students on the multiple knowledge areas of infection prevention and control through lectures, case studies, class discussion and quizzes. Students will be expected to spend about 2 hours reading assigned materials or reviewing pertinent materials and/or working on a group project before each class. Class participation will be assessed by attendance and participation in class project.

Case study/Group Project:

Students will be asked to pick a disease of concern (example: rabies, Ebola, Influenza) or an area of concern in infection control such as surgical site, intravascular, respiratory infections.

- Groups of 2 or 3 students will be assigned to a disease topic. Each group will prepare a 10-15-minute PowerPoint presentation regarding their disease topic area.
- This will include a brief description of the disease, recommendations for prevention and control.
- Groups will be encouraged to discuss a “real life” case study to document the impact of the disease and discuss infection control practices.

IV. Grading

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

The final grade is made up of:

- Attendance
- Homework
- Class Project

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

After studying all materials and resources presented in the course, the student will be able to:

- List important components of hospital/clinic based infection prevention and control
- Understand areas of risk to the host such as surgical site, IV and urinary catheters and ways to prevent infection
- Describe the influence of the environment on the risk of infection.
- Describe the advantages and disadvantages of the various methods for disinfection and sterilization
- List common communicable diseases

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

WEEK	SUBJECT MATTER	ACTIVITIES
WEEK 1	<ul style="list-style-type: none"> • Introduction • Hand Hygiene • Maintaining Sterile field • Infection Control Measures 	<ul style="list-style-type: none"> • Take survey • Survey Discussion • Hand Hygiene Video • Sterile gloves and gown technique • Sharps and Hazards bags • PowerPoint Presentation • Identification of door signs for precautions • Compare and Contrast Infection Control Measures
WEEK 2	<ul style="list-style-type: none"> • CDC Case Study 	<ul style="list-style-type: none"> • Case Study on Epidemiology: review/Outbreak from CDC • PowerPoint: Chain of infection • Introduction to class project/Student group Project time
WEEK 3	<ul style="list-style-type: none"> • Prevention of Spread of Infection 	<ul style="list-style-type: none"> • PowerPoint on asepsis and infectious disease • Post-Lecture Quiz
WEEK 4	<ul style="list-style-type: none"> • Group Presentations 	<ul style="list-style-type: none"> • CDC Survey – Infection Control Practice