



MISSION STATEMENT

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

PHARMACOLOGY DIDACTIC COURSE

Clinical Component 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

The class will focus on the basic pharmacologic principles and how pharmacologic agents are used in the treatment of pathological conditions based on class, schedule and categories.

II. Course Goals and Objectives

These goals and objectives will include discussions of human health issues related to pharmacology and drug interaction with the human body. Students will gain knowledge with:

- The meaning of basic pharmacology
- Pharmacokinetic and pharmacodynamics principles.
- Pharmacologic principles and self-learning about pharmacotherapeutics agents.
- Drug categories and common medications prescribed

III. Class expectation and assignments

The course is designed to integrate discussion and interaction of students on the multiple knowledge areas of basic pharmacology through lectures, mandatory readings, class discussion and quizzes. Students will be expected to practice self-study on assigned materials, reviewing pertinent materials before/after class.

IV. Grading

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

The final grade is made up of:

- Attendance
- Group Assignments
- Homework
- 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

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

- Differentiate between drug classifications and how medications affect the body systems.
- Define and identify classification, routes of administration, actions, uses, effects, & interactions of major drug groups including prescription and over the counter medications.
- Identify legal, ethical, and economic aspects of drug therapy.

**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 to Pharmacology • Drug Receptors and Pharmacodynamics 	<ul style="list-style-type: none"> • Syllabus overview • Reading on chapter 2 handout (pages 33-42) • PowerPoint presentation • Post- lecture knowledge assessment
WEEK 2	<ul style="list-style-type: none"> • Pharmacokinetics 	<ul style="list-style-type: none"> • Reading on chapter 2 handout (pages 42-45) • PowerPoint presentation • Post-lecture quiz on the end of chapter 2 (questions 1-10)
WEEK 3	<ul style="list-style-type: none"> • Methods of Drug Administration 	<ul style="list-style-type: none"> • Reading on chapter 2 handout (pages 45-50) • PowerPoint presentation • Discussion on what happens after a drug has been administered • Post-lecture knowledge assessment
WEEK 4	<ul style="list-style-type: none"> • Drug Classes, schedule, and Categories 	<ul style="list-style-type: none"> • Reading on chapter 2 handout (pages 50-55) • PowerPoint presentation • Post- Lecture questions at the end of chapter 2 (questions 11-20)