

**STUDENT COURSE SYLLABUS  
BERGEN COMMUNITY COLLEGE  
DIVISION OF HEALTH PROFESSIONS  
MEDICAL OFFICE ASSISTANT PROGRAM**

**COURSE TITLE: MOA200/PHARMACOLOGY FOR MEDICAL OFFICE ASSISTANTS**

**COURSE TEXT:** Woodrow, Colbert, Smith; Essentials of Pharmacology for Health Occupations, 6<sup>th</sup> Edition, Delmar Cengage Learning, 2011.

**COURSE DESCRIPTION:** This course will introduce the student to the basic principles of pharmacology and the therapeutic classes of drugs used in contemporary medical practice. Basic patient education related to drug classifications will be reviewed.

**STUDENT LEARNING OUTCOMES:** At the conclusion of this course the student will:

- 1) Demonstrate a basic knowledge of the principles of pharmacology.
- 2) Know the basic actions and effects of the major drug classes used in contemporary medical practice.
- 3) Prepare a concise drug history as part of the patient's medical history.
- 4) Know significant drug interactions and contraindications evident in the patient population.
- 5) Communicate pertinent information about prescribed medications to their patients.

**COURSE OUTLINE:**

- 1) Introduction to Pharmacology / Legislation
- 2) Principles of Pharmacokinetics
- 3) Anti-infective Agents
  - Antibiotics
  - Antivirals
  - Antifungals
- 4) Autonomic drugs
- 5) Central Nervous System Agents
- 6) Musculoskeletal & Anti-inflammatory Agents
- 7) Immunizations
- 8) Cardiovascular Agents
- 9) Prescriptions Drug Histories
- 10) Vitamins & Minerals/ GI Agents
- 11) Genito – Urinary Agents
- 12) Respiratory System Drugs
- 13) Endocrine System Drugs

**ATTENDANCE POLICY:** Student must be present for 90% of class time. If student fall below 90% the grade will drop 10%. Students with attendance problems should contact the class instructor and present documentation of missing class time. Students who are late for 2 classes will be considered as 1 absent class.

**EVALUATION PROCEDURES:**

Final grade will be determined by: 4 Exams (2 Unit Exams, Midterm & Final) and Drug List Tests

#1 Unit Exam, # 3 Unit Exam, Drug Tests	60%
Midterm Exam	20%
Final Exam	20%

**GRADING SYSTEM:**

A	90 – 100
B+	86 – 89
B	80 – 85
C+	76 – 79
C	70 – 75
F	0 - 69

\*\*There are no make-up tests.

\*\*Cell Phone use is prohibited during class sessions.