



**Respiratory Therapy Program
Coleman College for Health Sciences**

RSPT 1213: BASIC RESPIRATORY CARE PHARMACOLOGY

CRN 96252 – SPRING 2016

COLEMAN - ROOM 367 | 10:30 – 11:30 AM | TUE / THUR

2 hours lecture course

Instructor: Ebong Ekwere
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F: 713-718-7136
Email: ebong.ekwere@hccs.edu

Office Location and Hours: Coleman Room 379
Tuesday/Thursday 12:30pm – 2:00 pm
Friday 10:00 pm – 2:00pm
(Other times by Appointment)
There will be a sign-in log for all office visits

COURSE DESCRIPTION:

A study of basic pharmacological principles/practices of respiratory care drugs. Emphasis on classifications, routes of administration, dosages/calculations and physiological interactions
Credit: 2 hours

PRE-REQUISITES: RSPT 1201

COURSE GOALS AND LEARNING OUTCOMES:

The course goal is the mastery of the learning objectives as outlined at the beginning of each chapter of the text. Assigned reading, class lectures, and class discussion will facilitate the learning of the objectives. As a result, the student will be able to explain the mode of action, clinical indications, dosages, hazards, and side effects of pulmonary and cardiovascular drugs; calculate dosages and select optimal drugs used in the practice of respiratory care. The course will also incorporate a portion of the SCANS competencies.

TEXTBOOK INFORMATION:

Integrated Cardiopulmonary Pharmacology (current edition), Bruce J. Colbert, et al. BVT Publishing

LAB REQUIREMENTS: None

STUDENTS WITH DISABILITIES:

“Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Disability Services Office at the respective College at the beginning of each semester. Faculty are authorized to provide only the accommodations requested by the Disability Support Services Office.”

If you have any questions, please contact a Disability Counselor at your college or Jamie Torres at 713/718-5165. Jamie.Torres@hccs.edu

TITLE IX OF THE EDUCATION AMENDMENTS

Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students’ rights with regard to sex/gender discrimination. Information regarding these rights are on HCC website under Students-Anti-Discrimination. Students who are pregnant and require accommodation should contact any of the ADA Counselors for assistance.

It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult situations.

Log in to www.edurisksolutions.org. Sign in using your HCC student email account, then go to the button at the top right that says **Login** and your student number.

ACADEMIC DISHONESTY:

Students are responsible for conducting themselves with honor and integrity in fulfilling the course requirements. Academic dishonesty includes but is not limited to cheating on a test, plagiarism, and collusion. Possible punishments may include a grade of 0 or F on the particular assignment, failure in the course, dismissal from the program, and/or dismissal from the college system.

ATTENDANCE AND WITHDRAWAL:

- A: Students are expected to attend class regularly. Attendance will be taken each class day. Students are required to sign the roster each class day to verify attendance.
- B: Students may accumulate up to a maximum of four absences. Absences may result in counseling with the instructor.
- C: Absences in excess of the allowed maximum may result in the instructor recommending that the student be dropped from the class.
- D: Students will be responsible for all materials covered on days that they missed. The instructor will not be responsible for any materials not obtained during a student’s absence.
- E: Three tardies and/or leaving early will be equivalent to one absence.

F: **It is the responsibility of the student to officially withdraw from the course. Failure to officially withdraw by the college dateline may result in the student receiving a grade of “F” in the course if the student is not passing after final examination. Please refer to the school calendar for the official withdrawal date.**

CLASSROOM CONDUCT:

Students are responsible for adhering to the Code of Student Conduct outlined in the HCC Student Handbook as well as the Respiratory Therapy Program Student Handbook. **Students are expected to be respectful, courteous, and professional at all times.** When the instructor and/or another student is presenting, students are expected to actively listen and not engage in any disruptive behavior. The use of cell phone or pagers is prohibited. Cell phones should be turned off or placed in silent mode during the class period. Walking in and out during class period will be highly restricted in order to minimize disruption during lectures. Students who violate the conduct policies and guidelines may be asked to leave the class period in which it occurs. Re-entry to class will be permitted only after counseling with the instructor, the department head, and others were appropriate.

COURSE REQUIREMENTS, GRADING POLICY, TESTING, AND MAKE-UP POLICY:

- A: Several exams are scheduled for this class. Refer to the tentative course calendar for a schedule.
- B: **There will be no make-up tests for any of the exams.** Students will be awarded a grade of 50% for any missed module exam. The final exam will be graded as is. The only exception to this will be hospitalization or a physician’s statement prohibiting the student from taking the exam. Such a make-up will be at the discretion of the instructor.
- C: If you are late for any exam, the following applies:
 - a. You must complete the exam within the class time allocated for the exam. No additional time will be allowed.
 - b. If you arrive after any student has completed the exam and left the room, you will not be allowed to take the exam.
- E. All exams may cover materials learned in the course and/or derived from previous lectures
- F. The final grade will be a calculated average as follows

Module Exams	70%	Course Grades:	A: 90-100%
Final Exam	30%		B: 80-89%
			C: 75-79%
			F: less than 75%

SCANS COMPETENCIES:

SCANS is an acronym for the Secretary's Commission on Achieving Necessary Skills. Thus, SCANS incorporates basic workforce skills identified by the US Department of Labor from a study conducted by the American Society of Training and Development. The areas of competencies identified by the commission include enhancing basic skills, applying critical thinking skills, the utilization of informational skills, the use of technology, the ability to maximize resources, the exhibition of appropriate interpersonal skills and personal qualities, and the comprehension and application of systems knowledge.

In order to achieve a portion of these competencies, the following will be included in this course:

Basic Skills:

Students will be able to utilize basic skills of reading and writing to insure comprehension of information. The student will demonstrate mathematical, speaking, and listening skills in the classroom lectures

Application of Critical thinking Skills:

Students will demonstrate critical thinking skills by assimilating presented information and concepts, providing valid interpretation and analysis of said information to arrive at logical conclusion. Students will be introduced to and must comprehend the concept of "scientific methodology" that is the cornerstone of medical research.

Resources:

Students will prepare and follow schedules to achieve learning activities, such as reading and outlining assigned reading before class, relevant to the goal of becoming a health care professional. Students will also demonstrate problem solving and time management skills, such as consistent class attendance and attentive listening to facilitate learning, as they develop accountability for their own personal and professional growth.

COURSE CONTENT /CALENDAR/READING ASSIGNMENTS

Tentative Schedule

January 12 – January 26: Module 1

- A. Chapter 1
- B. Chapter 2
- C. **Exam #1 January 26, 2016**

January 28 – February 9: Module 2

- A. Chapter 3
- B. Chapter 4
- C. **Exam #2 February 9, 2016**

February 11 – February 23: Module 3

- A. Chapter 5
- B. Chapter 6
- C. **Exam #3 February 23, 2016**

February 25 – March 8: Module 4

- A. Chapter 7
- B. Chapter 8
- C. **Exam #4 March 8, 2016**

March 10 – March 29: Module 5

- A. Chapter 9
- B. Chapter 10
- C. **Last day for Administrative/Student Withdrawal: Monday March 28 – 4:30 pm**
- D. **Exam #5 March 29, 2016**

March 31 – April 12: Module 6

- A. Chapter 11
- B. Chapter 12
- C. **Exam #6 April 12, 2016**

April 14 – April 28: Module 7

- A. Chapter 13
- B. Chapter 14
- C. Chapter 15
- D. **Exam #7 April 28, 2016**

May 2 – May 8

- A. **Final Exam (TBA)**

Houston Community College System
Coleman College for Health Sciences
Respiratory Therapist Program

RSPT 1213 – CRN 96252
Respiratory Care Pharmacology
Spring 2016

Student Signature Page (**Return to Instructor**)

The instructor has discussed with the class and I have read the course syllabus for RSPT 1213 – Respiratory Care Pharmacology. I am familiar with the contents therein and will abide by the stated rules / policies for the course. I am aware of the required textbook and materials and I realize that reading and coming prepared to class is critical to my success in the course.

I understand that additional help may be obtained from the instructor during posted office hours or by appointment, but that it is my responsibility to seek such help if needed. I further understand that a student tutor will be provided upon my request and upon appropriate application to student services

I understand that I must obtain a cumulative grade of at least 75% (C) to successfully complete this course.

All students must review the syllabus and sign the course syllabus receipt within the first week of class. Failure to do so and failure to abide stated rule/policies for the course may result in administrative withdrawal from this course.

By signing, I indicate my understanding and willingness to comply with the stated regulations and requirements.

Student Name (Print): _____

HCCS ID # / E-mail: _____

Student
Signature: _____ Date: _____