



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

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**RSPT 1213 – Basic Respiratory Care Pharmacology  
Spring 2018**

**CRN 61187 – Instructor: E. Ekwere**

**Coleman College – Room TBA 10:30 a.m. – 11:20 a.m. / Tue/Thu  
Credit: 2 Hours (2 lecture) / 16 weeks**

**Instructor Information:**

**Name:** Ebong Ekwere, RRT, RCP

**Office Location:** Coleman College for Health Sciences  
1900 Pressler Suite 379  
Houston, Texas 77030  
Office: 713-718-7383  
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**Office Hours:** Tuesday / Thursday 12:30 pm – 2:00 pm  
Friday 10:00 am – 2:00 pm  
(Other times by appointment)

**Class Time:** Tuesday / Thursday 10:30 am – 11:20 a.m.  
Coleman Room 367

**\*All communication will take place through the HCCS or Canvas On-Line e-mail service.**

**COURSE DESCRIPTION:**

A study of basic pharmacological principles/practices of respiratory care drugs. Emphasis on classification, routes of administration, dosages/calculations, and physiological interaction. (2 CR)

**COURSE GOALS:** The course goal is the mastery of learning objectives outlined for each module. The students will acquire knowledge and necessary skills to administer respiratory drugs safely in the clinical environment.

**LEARNING OUTCOMES:**

The student will be able to explain the mode of action, clinical indications, dosages, hazards, and side effects of respiratory care drugs; calculate drug dosages; and select optimal drugs used in the practice of respiratory care.

**PRE-REQUISITES:** RSPT 2260

**CO-REQUISITES:** RSPT 2266

**TEXBOOK INFORMATION:**

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

**LAB REQUIREMENTS:** None

**HCCS POLICY STATEMENT****STUDENTS WITH DISABILITIES:**

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations.

Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to

<http://www.hccs.edu/district/students/disability-services/>

**HCCS POLICY STATEMENT****Title IX**

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status-in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross

Director EEO/Compliance

Office of Institutional Equity & Diversity

3100 Main

(713) 718-8271

Houston, TX 77266-7517 or [Institutional.Equity@hccs.edu](mailto:Institutional.Equity@hccs.edu)

## **HCCS POLICY STATEMENT CAMPUS CARRY**

“At HCC the safety of our students, staff, and faculty is our first priority. As of August 1, 2017, Houston Community College is subject to the Campus Carry Law (SB11 2015). For more information, visit the HCC Campus Carry web page at <http://www.hccs.edu/district/departments/police/campus-carry/>.”

## **HCCS POLICY STATEMENT HOUSE BILL 1508 HCC**

Texas HB 1508 requires the following information be given to students. If you are applying for admission to a program that prepares an individual for an initial occupational license or certification and/or if you later decide to change to a program that prepares you for an initial occupational license or certification, in accordance with state law, please be advised of the following:

1. An individual who has been charged or convicted of an offense or who is on probation may not be eligible for issuance of an occupational license or certification upon completion of the educational program.
2. It is the responsibility of the individual to immediately report to the program any change in status that would affect that individual's eligibility to apply for a license or certification.
3. Local, state or national licensing and certification authorities may issue additional guidelines related to criminal history. Applicants should contact their respective licensing or certification authority for more details.

Most health care programs require all students, admitted to the program, to submit to a national background check which may include fingerprinting. Applicants are encouraged to review all applicable eligibility requirements related to the respective occupational license or certification. Questions related to eligibility requirements should be directed to the individual program and applicable licensing or certification authority.

## **HCCS STATEMENT**

**“Any student who faces challenges securing their foods or housing and believes this may affect their performance in the course is urged to contact the Dean of Student for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable us to provide any resources that HCC may possess.”**

**ACADEMIC (SCHOLASTIC) DISHONESTY:** Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Academic (scholastic) 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 of the entire course, dismissal from the program and/or dismissal from the college system.

**Recording Devices:** (HCCS Policy)

“Use of recording devices, including camera phones and tape recorders, is prohibited in classrooms, laboratories, faculty offices, and other locations where instruction, tutoring, or testing occurs. Students with disabilities who need to use a recording device as a reasonable accommodation should contact the Office for Students with Disabilities for information regarding reasonable accommodations”

**Phones & Pagers:**

Students’ cell phones and pagers are required to be turned off or put in the silent mode during class time. However, leaving the classroom to answer an emergency call **MUST** be an infrequent occurrence. Frequent leaving to have phone conversations in the hall will be considered disruptive and will constitute dismissal for the day and consequently, an absence. **Cell phones will be turned off during examinations.** Should your cell phone/pager ring/vibrate during an exam, you will be asked to exit the room and turn in your exam resulting in earning the grade you make with an incomplete exam

**ATTENDANCE AND WITHDRAWAL POLICIES:**

- A. Students are expected to attend classes regularly **and must sign the class roll each class day to verify attendance.**
- B. Students may accumulate up to a maximum of two (2) absences; all absences up to and including the maximal amount are excused.
- C. All absences in excess of the maximum amount are considered to be unexcused, regardless of the reason.
- D. If a student exceeds the maximum number of allowable (excused) absences, that student will be counseled by the instructor. The instructor may recommend that the student be dropped from the class.
- E. Three tardies and/or leaving the class early will be equivalent to one absence
- F. **It is the student’s responsibility to withdraw from the class. Please refer to the student’s handbook for more information and the semester’s schedule of classes for the last withdrawal date.**

## **COURSE REQUIREMENTS AND GRADING POLICY/MAKE-UP POLICY:**

The following grading point schedule is offered:

Module exams	<b>70%</b>
Quizzes/projects	<b>10%</b>
Mentoring Sessions	<b>5%</b>
Final exam	<b>15%</b>

### **Final letter grade determinations:**

90 - 100	A	75 - 79.99	C
80 - 89.99	B	<b>Less than 75%</b>	<b>F</b>

**Note: Number grades are not rounded up or down**

### **TESTING:**

- A. Several module exams are scheduled for this class. Please refer to the tentative course calendar for a schedule.
- B. Several Quizzes are also included in the testing but there is no schedule for the quizzes.
- C. Students absent on the day of the exam will receive a grade of 50% **excluding the final exam which will be graded and the score recorded as is**, and a grade of zero (0) for any missed quizzes.
- D. Students will not have any additional time to complete an exam or quiz if they are late.
- E. Exams will cover materials learned during the course and/or implied from pre-requisite courses.
- F. 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.**

### **MAKE-UP POLICY:**

**No make-up exams or quizzes are given. The final exam will be taken as scheduled**

### **PROJECTS & ASSIGNMENTS:**

Students will review the objectives of each chapter; read the assigned chapters; and look up any words that are unclear in the medical dictionary. Students should outline the assigned reading in an attempt to digest the information well enough to express in their words. Students should be able to address each objective as though it were a question and be able to reflect on it during class discussion.

### **EARLY ALERT SYLLABUS STATEMENT:**

The Houston Community College Early Alert program has been established to assist in the overall effort to retain students who are at risk of failing, withdrawing, or dropping a course. This process requires instructional faculty and student support staff to identify students who are performing poorly as early as possible and provide relevant support services to help students overcome their deficiencies. A student is identified when an instructor notices academic or personal difficulties that affect student's academic performance. The possible problem(s) could be tardiness, missed/failed test scores, excessive absences, or a number of other circumstances. Once a referral is made counselors will then contact students to discuss the issues and possible solutions to their academic difficulties.

### **FACULTY MENTORING SESSIONS**

Students are required to meet with their course professor at least three times during the semester. The mentoring session times are at the discretion of the professor. The session will address any issues the student has in the classroom. The professor will discuss grades and identify areas that the student can improve. The student should express their concerns about test grades, homework, and any other areas where they require assistance. **A written copy of these issues and/or course topic questions must be submitted to the instructor for discussion during each session.** The mentoring sessions are **mandatory** and will count as **5%** of your final grade.

### **SCANS COMPETENCIES:**

A study was conducted for the Department of Labor by the American Society for Training and Development which identified seven basic skills US employers want the most in entry level employees. These skills include enhancing basic skills and applying critical thinking. In order to achieve these desired competencies, the following will be included in the course.

#### **Basic Skills:            Mathematics**

Approaches practical problems by choosing appropriately from a variety of mathematical techniques; uses quantitative data to construct logical explanations for real world situations; expresses mathematical ideas and concepts orally and in writing; and understands the role of chance in the occurrence and prediction of events.  
The student is required to successfully perform calculations involving basic algebra.

#### **Basic Skills:            Reading**

Locates, understands, and interprets written information in prose and documents—including manuals, graphs, and schedules—to perform tasks; learns from text by determining the main idea or essential message; identifies relevant details, facts, and judges the accuracy, appropriateness, style, and plausibility of reports, proposals, or theories of other writers.  
The student must be able to read and understand technical language relating to Respiratory Care, which may require going beyond the text.

**Thinking Skills**

Discovers rules or principle underlying the relationship between two or more objects and applies it in solving a problem. For example, uses logic to draw conclusions from available information, extracts rules or principles from a set of objects or written text; applies rules and principles to a new situation, or determines which conclusions are correct when given a set of facts and a set of conclusions.

The student will be able to analyze data from calculations, studies, and tests as it relates to Respiratory Care.

**COURSE CALENDAR / READING ASSIGNMENTS:**

Semester: Spring 2018 January 16 – May 13, 2018

Class: Tuesday/Thursday 10:30 a.m. – 11:20 a.m.

**Tentative Schedule**

**January 16 - January 30**

- A. Chapter 1
- B. Chapter 2
- C. **Exam#1 January 30, 2018**

**February 1 - February 13**

- A. Chapter 3
- B. Chapter 4
- C. **Exam#2 February 13, 2018**

**February 15 - February 27**

- A. Chapter 5
- B. Chapter 6
- C. **Exam# 3 February 27, 2018**

**March 1 - March 20**

- A. Chapter 7
- B. Chapter 8
- C. **Spring Break March 12 – 18**
- D. **Exam#4 March 20, 2018**

**March 22 - April 3**

- A. Chapter 9
- B. Chapter 10
- C. **Last day for Administrative Withdrawal April 3**
- D. **Exam#5 April 3, 2018**

**April 5 - April 17**

- A. Chapter 11
- B. Chapter 12
- C. **Exam#6 April 17, 2018**

**April 19 - May 1**

- A. Chapter 13
- B. Chapter 14
- C. **Exam#7 April, 26 2018 – Chapter 13 & 14**
- D. Chapter 15 – May 1
- E. Final Review – May 3

**May 7 - May 11**

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



**Student Handbook:**

Students are responsible for reading and adhering to the information presented in the HCCS Student Handbook and the HCCS Catalog, available online at [www.hccs.edu/students](http://www.hccs.edu/students).

**Online Tutoring:**

HCC provides free online tutoring in writing, math, science, and other subjects. Look for Ask Online on your Eagle Online log-in page. This directs you to the HCC AskOnline Tutoring site: <http://hccs.askonline.net/>. Use your student ID or HCC e-mail address to create an account. Instructions, including a 5-minute video, are provided to make you familiar with the capabilities of this service.

**EGLS3 – Evaluation for Greater Learning Student Survey System:**

At Houston Community College professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time in the semester, you will be asked to answer a short online survey of research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and division chairs for the continual improvement of instruction. Look for the survey as part of the Houston Community College Student System online near the end of the term.

**GRIEVANCES REGARDING POLICIES AND PROCEDURES:**

Students who disagree with a policy, procedure, or rule may file a student grievance as permitted by HCCS policy. The filing of a grievance, however, does not excuse compliance with current policies, procedures, and rules. Students shall comply with all policies, procedures, and rules until and if such policies, procedures, or rules are withdrawn or modified

**NOTE: The instructor reserves the right to modify the syllabus, course requirements, assignments, grading procedures, and other related policies as changes take place during the semester. However and when it is necessary to do so, proper notice will be given.**

**Other Student Information**

Students are encouraged to schedule tutoring with instructors in classes they are having difficulty with. The following web sites and national Respiratory entities listed below can be used as valuable resources:

[www.TSRC.org](http://www.TSRC.org)

The Texas Society for Respiratory Care

[www.AARC.org](http://www.AARC.org)

The American Association for Respiratory Care

[www.NBRC.org](http://www.NBRC.org)

The National Board for Respiratory Care