



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

**RSPT 1213 – Basic Respiratory Care pharmacology
Spring 2017**

CRN 17940– Instructor: E. Ekwere

**Coleman College – Room 367 10:30 a.m. – 11:30 a.m. / Tue/Thu
Credit: 2 Hours (2 lecture) / 16 weeks**

Instructor Information:

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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 – 11:30 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)

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

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.

TEXTBOOK INFORMATION:

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

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 is authorized to provide only the accommodations requested the Disability Support Services Office. If you have any questions, please contact the disability counselor at your college. To visit the ADA website, log on to www.hccs.edu, click Future Students, scroll down the page and click the words Disability Information. The ADA counselor at Coleman: (713) 718 – 7082.

TITLE IX

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 the HCC website under Students-Anti-Discrimination. Students who are pregnant and require accommodations should contact any ADA counselor 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 by logging in from your HCC student email account, go to [\http://www.edurisksolutions.org<<http://www.edurisksolutions.org>]www.edurisksolutions.org<<http://www.edurisksolutions.org>> Go to the button at the top right that says Login and click. Enter your student number.

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

FACULTY MENTORING SESSIONS

Students are required to meet with their course professor at least four 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. The mentoring sessions are **mandatory** and will count as **5%** of your final grade.

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 un-excused, 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	70%
Quizzes/projects	10%
Mentoring Sessions	5%
Final exam	15%

Final letter grade determinations:

90 - 100	A	75 - 79.99	C
80 - 89.99	B	Less than 75%	F

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.

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 2017 January 17 – May 4, 2017

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

Tentative Schedule

January 17 - January 31

- A. Chapter 1
- B. Chapter 2
- C. **Exam#1 January 31, 2017**

February 2 - February 14

- A. Chapter 3
- B. Chapter 4
- C. **Exam#2 February 14, 2017**

February 16 - February 28

- A. Chapter 5
- B. Chapter 6
- C. **Exam# 3 February 28, 2017**

March 2 - March 21

- A. Chapter 7
- B. Chapter 8
- C. **Spring Break March 13 – 17**
- D. **Exam#4 March 21, 2017**

March 23 - April 4

- A. Chapter 9
- B. Chapter 10
- C. **Last day for Administrative Withdrawal April 3 – 4:30pm**
- D. **Exam#5 April 4, 2017**

April 6 - April 18

- A. Chapter 11
- B. Chapter 12
- C. **Exam#6 April 18, 2017**

April 20 - May 2

- A. Chapter 13
- B. Chapter 14
- C. Chapter 15
- D. **Exam#7 May 2, 2017**
- F. **Final Exam Review May 4, 2017**

May 8 - May 12

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.

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	The Texas Society for Respiratory Care
www.AARC.org	The American Association for Respiratory Care
www.NBRC.org	The National Board for Respiratory Care

STUDENT CONTRACT AGREEMENT
RSPT 1213 – BASIC RESPIRATORY CARE PHARMACOLOGY
SPRING 2017

Please read the following paragraphs to know what you should expect from your instructor, and what your instructor expects from you in the class this semester.

You should expect the following from the instructor:

- Inform you in the first week of class of course content, requirements and grading procedures, in writing, through the course syllabus. The course syllabus and handouts will contain information about dates of tests and assignments; make-up policies; attendance policies; the instructor's office hours; the instructor's office telephone number; the method of determining the course grade and SCANS competencies.
- Be available to meet with you by appointment either before or after class and during office hours.
- Discuss with you any problems that you have that relate to the class.
- Treat you with courtesy, even when there is disagreement.
- Conduct himself in a professional manner at all times.

The instructor expects the following from you:

- Be in class 100% of the time. If you are absent or late more than 12.5% of the course, you may be dropped from the class.
- Be on time and prepared for class.
- Keep a copy of the course syllabus; bring syllabus and text to class.
- Restrict all communications about the course to EO course email. **No phone calls or text messages**
- Behave appropriately in class. This means the following:
 - **While the instructor is lecturing, there should be no talking to other students**
 - **Leaving the classroom frequently during class is not acceptable**
 - You are expected to be in class on time, except in emergencies, which should be discussed with faculty, prior to class.
 - Working on other class work during class lecture or discussion time is not acceptable.
 - **Phones or beepers must be turned off during class and kept off the desk.**
 - **Bringing food or drink into classroom is forbidden.**
 - Sleeping and dozing in class is not permitted.
 - Using derogatory or vulgar language is not permitted.
 - Purchase required textbooks and other equipment and bring them to class.
 - Discuss with the instructor problems that you are having with the class before asking others for help in resolving the situation.
 - **Check on grades often and discuss concerns early. Do not wait until the last week of semester.**
 - Seek the assistance of available tutoring services.
 - **Treat the instructor with courtesy, even when there is a disagreement. Also, treat other students with courtesy.**
- **Disruptive behavior may result in Security being called. Disruptive students will be removed from class after one verbal warning and may be dismissed from class or program.**

I have read the course syllabus for RSPT 1213 and I am familiar with the contents therein and fully understand the expectations of me as a student. I will abide by the stated rules/policies for the course.
I pledge to maintain appropriate classroom conduct and behavior that will be conducive to learning.

My signature below signifies my willingness to comply with the course requirements.

Student Name
(Print): _____ ID#: _____

Signature: _____ Date: _____

Current Telephone number _____

HCCS E-mail address: _____

RETURN SIGNED FORM TO THE INSTRUCTOR ON THE FIRST DAY OF CLASS. KEEP A COPY.