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Resp Therapy Pharmacology

RESP1320 

Instructor Information

Phone:

Email: Office Location:

Office Hours

Course Description

Introduction to relevant pharmacology for respiratory therapy.

Pre-Requisite(s): Acceptance into the Respiratory Therapy program

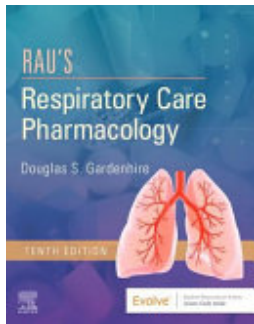
Semester(s): Fall

Introduction to relevant pharmacology for respiratory therapy.

Course Student Learning Outcomes

- Identify mode of action, indications, adverse effects and outcomes of medications used in respiratory care.
- Differentiate between available formulations, trade names and brand names for medications used in respiratory care.
- Identify and calculate common dosages for medications used in respiratory care.

Required Text or Materials



Title: Rau's Respiratory Care Pharmacology

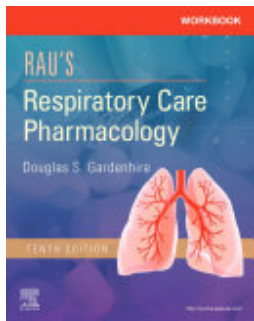
ISBN: 9780323553643

Authors: Douglas S. Gardenhire

Publisher: Mosby

Publication Date: 2019-09-01

Edition: 10th



Title: Workbook for Rau's Respiratory Care Pharmacology
E-Book

ISBN: 9780323594639

Authors: Douglas S. Gardenhire, Robert J. Harwood

Publisher: Elsevier Health Sciences

Publication Date: 2019-08-03

Edition: 10th

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Class Schedule

Due Date	Assignment Name	Assignment Type	Points
	Attendance/Professionalism	Assignment	100
	Drug Calculations	Discussion	0
	Roll Call Attendance	Assignment	100
	Xanthine and Corticosteroids	Discussion	0
9/18	Warm up week 1	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
9/20	Signed Syllabus	Assignment	20
9/25	Warm Up Week 2	Assignment	10
10/2	Warm Up Week 3	Assignment	10
10/3	Quiz #1	Quiz	60
10/9	Warm Up Week 4	Assignment	10
10/12	Case Study - Asthma (simple)	Assignment	25
10/16	Warm Up Week 5	Assignment	10
10/23	Warm Up Week 6	Assignment	10
10/26	Quiz #2, Chapters 6,7,8 and 11	Quiz	74
10/30	GINA/NAEPP	Assignment	100
10/30	Warm Up Week 7 (Bonus Points)	Assignment	0
11/2	Midterm Exam	Quiz	100
11/16	Quiz #3	Quiz	54
11/30	Quiz #4	Quiz	50
12/13	Final Exam	Quiz	87

Brief Description of Assignments/Exams

Please see Canvas for descriptions and due dates

Grading Scale

Grading will be based on the cognitive (knowledge) and effective (behavior) learning domains. The cognitive portion of the grade consists of quizzes, midterm, and final exam. The affective portion of the grade is based on participation and professionalism activities and assignments.

Your grade will be determined by:

Attendance/Professionalism 5%

Warm-Up/Test your knowledge 5%

Assignments/Case Study 20%

Quizzes 30%

Midterm/Final Exam 40%

Total: 100%

**Assignments, objectives, due dates and point values are subject to change per instructor. Changes will be noted in the Announcement area of Canvas course site and/or stated in class. It is the student's responsibility to check the site frequently for updates.

*** In order to pass the course the student needs to achieve 80% of the total points available.

GRADING SCALE:

95-100% A	77-79% C+	60-62% D-
90-94% A-	74-76% C	0-59% E
87-89% B+	70-73% C-	
84-86% B	67-69% D+	
80-83% B-	63-66% D	

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to

access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

TESTING POLICY: Exams must be taken on the days and times assigned. In the event the student will miss an exam, they must e-mail the instructor PRIOR to the designated exam start time. The student will then take the exam on their own time at the discretion of the instructor, with an automatic 20% deduction. IF THE STUDENT DOES NOT E-MAIL PRIOR TO THE TEST START TIME, the student will then take the exam on their own time at the discretion of the instructor with an automatic 50% deduction. Exams are listed on the Canvas site and students are expected to take them as assigned. Warm-ups/Test your knowledge may be given by the discretion of the instructor, if a student has an unexcused absence that day, they will receive a (0) zero on the activity. If a student misses a weekly quiz and had a prior excused absence the student will be given 24 hours to make-up the activity. Failure to complete the make-up will result in a (0) zero. All make-up activities will be different than the original activity.

LATE ASSIGNMENT POLICY: Deadlines are absolute. Late work is NOT accepted for credit. Exceptions to the rule may be made for extenuating circumstances at the discretion of the instructor and Program Director.

EXTRA CREDIT POLICY: No Extra Credit is given

HOMEWORK ASSIGNMENT POLICY: Homework is due on the assigned due date (see Canvas). Late work is not accepted for credit.

Student Attendance And Absence Policy

STUDENT ATTENDANCE AND ABSENCE POLICY: Attendance is vital to be successful in the SLCC Respiratory Therapy Program. Absences will interfere with one's ability to meet required class, lab, and clinical course objectives. Attendance is extremely important to meet class requirements and to function safely in the clinical arena. You will not learn the clinical skills if you are not here. Each course in the Respiratory Therapy Program has planned activities which have specific objectives and often lead to course competences. Most of these activities will not be duplicated. Missing these activities will result in loss of points and potentially prevent the student from successfully completing the course and progressing in the program. Infrequent legitimate reasons for absence may include: • unexpected personal/immediate family illness verified by a physician's note • an accident verified by a police report/insurance claim • verified death in one's immediate family. **Health care and other personal appointments are NOT considered legitimate reasons for absence and MUST be scheduled during non-class hours. Legitimacy of absences will be determined by SLCC Respiratory Therapy faculty/administration and will then be recorded as either "excused" or "unexcused". A SINGLE excused absence (not clinicals) will be allowed per course during each semester. UNEXCUSED absences are considered evidence of negligence or a lack of commitment on the student's part; hence, two (2) unexcused absences (not clinicals) will result dropping one full letter grade and the student being placed on academic probation. Three (3) unexcused absences (not clinicals) recorded during a semester will result in the dismissal from the program.

TARDIES: Students are expected to report to class prepared and on time. THREE (3) TARDIES equal ONE ABSENCE. • A tardy indicates less than 10 minutes of total class

time missed. If more than 10 minutes are missed either from coming in late, leaving early, or both, it is counted as a tardy . • Six (6) tardies will result in 2 absences, a full grade drop and placement on academic probation. A seventh (7) tardy will result in dismissal from the program.

Academic Progression

The student is required to achieve a grade of "B-" or better in all RESP courses in order to progress in the Program as outlined in the Student Handbook. Failure to achieve a grade of 80% or better in each course will result in dismissal from the Respiratory Therapy Program. If a student receives lower than an 80%, it will be represented by an "F" on their transcript. The student will then be subject to the "Re-Admission Policy" outlined in the Salt Lake Community College Catalog. The Program Director will not "W" a student due to academic performance or personal reasons. It is the students' responsibility to complete the required documents needed to drop or withdraw from a course. Withdrawing from a course in the Program will lead to immediate dismissal as all courses are completed in a required sequence. Failure to withdraw or drop a course by the deadlines listed on the college academic calendar will result in an "F" on the student's transcript.

Professionalism

Respiratory Therapy students represent the Program, the profession, Salt Lake Community College and all clinical affiliates; therefore, students are expected to conduct themselves in a dignified manner which conforms to the ethics of the profession and which instills confidence in their abilities. Any student who does not adhere to the scholastic and professional standards of the school and its clinical affiliates is subject to written warnings and possible dismissal. If the situation is based on unacceptable, intolerable, illegal or unprofessional actions by a student which violate the clinical policies set forth in the Student Handbook, or which violate any local, state, or Federal laws, the student will not be allowed to re-enter the Program at any time in the future. As a professional, you are expected to come to class, and to come prepared. You are expected to thoughtfully study all assigned material and complete all assignments. Always be ready to discuss the assigned materials. Ask questions to clarify any parts of

the material that you do not understand. You are expected to participate in class appropriately.

Academic Integrity

Each student is charged with the responsibility of maintaining scholastic integrity. When written assignments require excerpts from material published by others, the student must give full credit to the author to avoid the possibility of plagiarism. Any student violation of scholastic integrity for plagiarism or cheating falls properly within the realm of student/faculty relations and is subject to a faculty recommendation to the college administration for loss of credit for a particular assignment, examination, or unit of work; failure in a course; or, dismissal from the college. Do your OWN work. If you use someone else's ideas in your written work, please reference it accordingly. All students are expected to be academically honest. Every effort will be made to discourage any type of cheating. This includes, but is not limited to, printing exam questions from Canvas; sharing data with other students about exams; copying tests, assignments, etc.; collaborating with another student during an exam or in preparing academic work; or otherwise practicing scholastic dishonesty. Awareness of academic dishonesty by a classmate is considered the equivalent of cheating unless it is reported. Group work is to be shared equally. Students not contributing their share of the group work may be placed on probation as they are receiving credit for someone else's work. Students should not protect other students who are not participating equally. The code of Conduct can be found online at http://www.slcc.edu/policies/docs/Student_Code_of_Conduct.pdf NOTE: Copying and pasting Instructor notes to complete projects is considered plagiarism. Copying each other's project is cheating. Complete projects in your own words while utilizing instructor notes.

Academic Grievance Policy

In accordance with the Salt Lake Community College Student Code of Conduct, <https://www.slcc.edu/policies/docs/8.1.050---code-of-student-rights-and-responsibilities.pdf> , the grievance policy for students with reference to academics can be found in Section III. Students are encouraged to seek resolution with the instructor(s) whenever possible. It is the goal of the School of Health Sciences to be forthright and consistent with specific academic policies throughout divisions and programs. This policy

singularly addresses academic issues and the general principles for disciplinary actions as noted in the Student Code of Conduct Section III. It should be noted, it is up to the faculty member's discretion to provide warning (verbal or written), suspension, or dismissal based upon program policy and severity of the issue at hand. It is realized that in some health sciences programs a failing grade, as stated in the syllabus and/or policy manual, may result in program dismissal. STEP ONE: A student has the right, as per college policy, to grieve a grade, warning (verbal or written), suspension, or dismissal received within a program of study. A student, as per policy, must make an appointment to meet with the instructor of the class. A meeting, for anything other than a final grade, should be made within ten (10) days of the incident. Final grade disputes require a meeting within 30 days of the student receiving the grade. Every effort should be made to find resolution and provide evidence from both parties with respect to the grade issued. STEP TWO: If a resolution cannot be made, the student must request in writing, five (5) business days from the date of meeting with the faculty, a committee review of the grievance to the Associate Dean of the specific division. The grievance will be reviewed by a committee consisting of three (3) to five (5) faculty outside the program in which the student is enrolled. This will include the following members, the Associate Dean and two to four faculty members outside the discipline. The Associate Dean will serve as committee chair. One faculty and the program coordinator of the program involved in the grievance can attend the procedure, as can the student with one representative. Each of these parties will only be allowed to present evidence to the committee and not vote on the issue in question. Legal representation is allowed by either party. The proceedings will be recorded for accuracy. Upon completion of the proceedings, the committee ONLY will vote on the issue(s) noted in the student's grievance. A formal letter will be provided by the committee chair within ten (10) business days of the end of the proceeding with the committee's decision regarding the issue. STEP THREE: If the student is not satisfied with the outcome, they may appeal to the Academic Dean of the School of Health Sciences. This must be done in writing within five (5) days of receiving the formal letter from the grievance committee chair. The Dean will review the appeal, all evidence, and render a decision to the student within ten (10) days of receiving the formal letter from the student. The decision of the Dean of the School of Health Sciences is final and cannot be appealed.

Technology/Social Media Policy

- Cell phones are prohibited during the classroom settings at ALL times. Phones are not be used to record or take photos during classroom settings as well. They are to be stored in book bags, purses, etc. and not on desk tops. Phones may be used during scheduled classroom breaks. Cell phones seen during class will result in a written warning - 3 written warnings will result in immediate dismissal from the program.
- Video Recorders are prohibited during the classroom settings at ALL times.
- Repeated violation of this policy is subject to dismissal or failure in the course.
- Students may not record or publish information from the class without the written authorized use from the instructor. If used without authorization you have violated PRIVACY/INTELLECTUAL PROPERTY RIGHTS. Students who record and/or publish anything related to the course or Program will be in violation of the Code of Ethics and may be placed on probation or dismissed from the Program depending on the severity of the violation.
- Students have the right to create a Facebook page or other social media pages. If a page is created it shall not include the name Salt Lake Community College or Respiratory Therapy Program anywhere on the page or utilize SLCC's official logos. Students in the Respiratory Therapy Program shall understand that the page is not an extension of the Program, the classroom or the college. At no time shall confidential or personal information about the classmates, faculty, or information of a private nature discussed in class be posted on social media. Any student violating this policy will be placed on immediate probation and/or removed from the class. Confidential or personal information shall include but is not limited to: Personal information of a classmate or faculty. This includes academic information of classmates, derogatory comments of a classmate or faculty, or classroom discussion/pictures or videos. Social media shall constitute (but is not limited to) the following: Facebook, TikTok, Twitter, Myspace, Instagram, Snap Chat, Pinterest, LinkedIn, Reddit.

Accessibility And Disability Services

SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact Accessibility and Disability Services: Although pregnancy is not a

disability, our ADS advisors are trained to assist with pregnancy related accommodations in addition to disability related accommodations. We strongly recommend any student who is pregnant or becomes pregnant while in the program notify the ADS. This will allow preventative measures to be taken, safety process in place to protect the student and the unborn child and allow for accommodations.

Due to risk of fetal exposure to radiation and chemicals while in the program it is strongly recommended that all pregnant students work closely with the ADS. Phone: 801-957-4659 Email: ADS@slcc.edu Website: www.slcc.edu/drc. Watch the following video to learn more about the ADS: [ADS Accessibility](#)

Emergency Evacuation Procedure

EMERGENCY EVACUATION PROCEDURE: For information on emergency procedures and building evacuation please refer to <https://i.slcc.edu/emergency-prepare/index.aspx>

Disclaimers

Serious effort and consideration were used in formulating the syllabus presented in the Web Pages. While viewed as an educational contract between the instructor and student, unforeseen events may cause changes to the course requirements, scheduling of exercises, quizzes, and/or assignments based on new material, class discussions, or other legitimate pedagogical objectives. Every effort will be made NOT to change scheduled items. Nonetheless, the instructor reserves the right to make any changes deemed necessary to best fulfill the course objectives. Students registered for this course will be made aware of any changes in a timely fashion using reasonable means. This disclaimer does not abrogate any student rights as described by Salt Lake Community College rules and regulations *Student should refer to the Respiratory Therapy Program Handbook for more information on the Program's policies and procedures.

Acknowledgement Form

I acknowledge,

- That I have received, read, and understand the syllabus for RESP 1320 Respiratory Pharmacology
- I understand that it is my responsibility to utilize all the books, tutorials, and online resources available to me.
- I understand that if I am not meeting performance levels, I will be required to meet with Respiratory Therapy faculty and complete a performance plan.
- No late work is accepted.
- Cheating is not tolerated.
- Instructors have listed ways in which I can communicate with them when they are away from their offices. These are located in the syllabus.
- All exams, midterms, finals, and quizzes are to be taken on the assigned date at the assigned time. I agree to not plan trips, surgeries, honeymoons, family outings, work, or participate in any other activity during testing times.
- I must earn an 80% in order to pass the course. Exam, quizzes, and assignment scores are not rounded.
- If for any reason, the faculty feel I am a disruption to the class and inhibiting the learning of other students, I will be required to leave the room and forfeit any quiz/classroom assignment/project points for that day.
- I understand that recording and posting class activities on any type of social media, spreading rumors, sharing person information about others, making derogatory comments or sharing exam information is not considered professional behavior.
- I understand that if I am deemed cognitively impaired, I will be sent home immediately.

Causes of impairment include, but are not limited to, medication with or without a prescription, illegal drugs, alcohol use, working the night before, etc.

- I understand that if I am not passing the course by midterm, it is my responsibility to meet with my instructor for guidance. During this meeting I will be placed on a performance plan which will give me direction on how to improve my learning.
- I acknowledge that I have seen the grievance procedure located in the Respiratory Therapy Program handbook.
- I understand that there are no make-up times.
- I understand that I am joining a profession, as such, I will act in a professional manner.