

RET 1264C-CRN# 30103
Chest Medicine
Syllabus

<p><u>Instructor:</u> Name: Jamy Chulak M.S. RRT Office: AHS-235 Phone: 407-582-5477 Email: jchulak@valenciacollege.edu</p>	<p>John Wilgis, MBA, RRT Virtual- Blackboard (no office hours) jwilgis@valenciacollege.edu</p>
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Location:

AHS Building Room 230
Thursdays
9:00-12:00
(*lunch break*)
1:00-4:00

Office Hours:

Location	DAY	FROM (am/pm)	TO (am/pm)
AHS-235 and AHS-226	Monday	8:00 AM	11:00 AM
AHS-235 and AHS-226	Tuesday	8:00 AM	11:00 AM
AHS-235 and AHS-226	Wednesday	8:00 AM	9:00 AM
AHS-235 and AHS-226	Thursday	8:00 AM	9:00 AM
Virtual/email/phone	Friday	8:00 AM	9:00 AM

Important Date:

Term (Start and End Dates)	May 9 th to August 2 nd 2016
Withdrawal for "W" Grade	July 8 th 2016
Classes Do Not Meet	May 30 th and July 4 th 2016
Final Examination	August 2 nd 2016

Introduction to the Course:

Respiratory care students investigate nature and cause of cardiopulmonary diseases that involve changes in structure and function. Presents etiology, clinical manifestations, pathogenesis, lab data and treatment for major chronic and acute pulmonary disease entities. This course includes learning activity designed to ensure competence in oral communication. (Special Fee: \$26.00)

Textbooks:***Respiratory Care: Principles and Practice***

Dean Hess. 3rd Edition ISBN: 9781284050004 (sold only in the bookstore)

Course Description:

Introduces mechanical function of equipment used in continuous and intermittent ventilation of adult (some pediatric and neonatal patients).

Indications, contraindications and hazards of continuous ventilation with significance given to ventilatory management and monitoring techniques. Accompanying the lectures will be hands-on experience designed to prepare students for actual clinical situations.

BlackBoard:

This course is web-enhanced. The student will be required to complete assignments, quizzes and participate in discussion topics online. Any problems or questions must be communicated to the instructor in a timely manner through blackboard. Emergencies may be communicated through faculty office email.

Withdrawal Policy:

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the established deadline for a particular term will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W." Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F." For a complete policy and procedure overview on Valencia Policy 4-07 please go to: <http://valenciacollege.edu/generalcounsel/policydetail.cfm?RecordID=75>.

Course Disclaimer:

These course requirements may be changed with notification, as deemed necessary by the instructor due to unforeseen circumstances.

Valencia College Core Competencies:

The Valencia Student Core Competencies (Think, Value, Act and Communicate) are an established component of the College's curriculum development and review process. A detailed overview can be found in the current Valencia catalogue or the Valencia Website: <http://valenciacollege.edu/competencies/>. Developing these core competencies will be enhanced through critical thinking exercises, classroom discussions, and reasoned choices made by acquiring, analyzing, synthesizing, and evaluating knowledge. You will also need to read, listen, write and speak effectively.

Overall Course objectives/Outcomes:

The student will be able to evaluate and treat patients with cardiopulmonary illness. This includes the identification and treatment of obstructive vs. restrictive diseases, cardiopulmonary dysfunction, hemo-dynamics within chest medicine.

Students with Disabilities:

Student's with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities. (West Campus SSB room 102, 407-582-1523)

Mobile Devices:

Refrain from bringing mobile devices to class. All mobile devices must be turned off during class to ensure an optimal learning environment. No use of these devices will be tolerated during class. The use of such devices during class will result in a reduction in class participation points.

Academic Honesty:

Students are expected to be in complete compliance with Valencia College policy on academic honesty. This policy is written in the Valencia College Catalog and Student Handbook. Academic honesty, in terms of documentation, means that you have not stolen another's ideas and misrepresented them as your own; you have given credit where credit is due. As in most areas of life, let common sense and common courtesy rule and help keep you from inadvertently committing an act of plagiarism.

Atlas:

Students will need to check their Atlas account daily for email, helpful hints and updated information. <https://atlas.valenciacollege.edu/>

Blackboard:

This course is web-enhanced. The student will be required to complete assignments, quizzes and participate in discussion topics online. Any problems or questions must be communicated to the instructor in a timely manner. <https://online.valenciacollege.edu/>

Course Disclaimer:

These course requirements may be changed with notification, as deemed necessary by the instructor due to unforeseen circumstances.

Grading Considerations:

One letter-grade reduction towards final grade for more than two absences

All late assignments will result in an automatic grade reduction of 10%.

No assignment or test will be accepted after one week past the due date.

Assignments may be placed in the instructor's mailbox in building 2-208 and stamped indicating date submitted for credit.

Quizzes and may NOT be made up beyond the due date.

Grade Breakdown:**5%- Attendance**

Attendance is essential to success in this course. Absences or failure to do the assigned reading will result in difficulty mastering the material. It will be assumed by the instructor that all assigned material has been read prior to scheduled class time. Excessive absences may result in withdrawal from the course and is defined in the student handbook as greater than two absences within a semester.

10%- Participation

Participation is essential to learning. A direct correlation to your learning outcome(s) rely upon active engagement in and out of the classroom.

Participation Rubric (available on blackboard)

5%- Group Discussion Board

Teamwork is an essential skill in our profession. How you communicate about topics, as a team will be assessed throughout the term. Your ability to engage in topics in discussion groups directly correlates with your ability to meet learning outcome(s) as a Valencia College Student. (*Think, Value, Communicate, & Act*)

Participation Rubric (available on blackboard)

10% Group Presentations

Summative Group Presentation at the end of term lasting 45 minutes per team with 15 minutes for Q&A from the audience.

1/3 of your individual grade will come from your team presentation.

1/3 of your individual grade will come from your team member surveys.

1/3 of your individual grade will come from your contributions to the presentation.

60%- Examinations: (will be averaged towards final grade)

Formats may be multiple choice, short answer or essay. Content will include assigned reading material, handouts and/or lecture material.

Calculators may be used. No scientific calculators or those capable of storing formulas can be used

10%- Final Examination: (cumulative)**Grading Scale**

A= 90-100

B= 83-89

C= 75-82

D= 70-74

F= Less than 70%

Note: A minimum grade of "C" is required to be considered for participation in RET 1874L Clinical Practice I.

Course Itinerary

Week 1	Respiratory Failure - J&B <u>Module 30 Activities & Quiz</u> <i>Disease Management</i> -weekly presentation team discussions -Research Teams to be Assigned
Week 2	Hemodynamic Monitoring - J&B <u>Module 6 Activities & Quiz</u> <i>Hemodynamic Monitoring</i> -weekly presentation team discussions
Week 3	Pulmonary Thromboembolic Disease - J&B <u>Module 37 Activities & Quiz</u> <i>Pulmonary Vascular Disease</i> -weekly presentation team discussions
Week 4	Heart Failure - J&B <u>Module 42 Activities & Quiz</u> <i>Cardiac Failure</i> -weekly presentation team discussions
Week 5	Smoke Inhalation Injury & Burns - J&B <u>Module 44 Activities & Quiz</u> <i>Burn & Inhalation Injury</i> -weekly presentation team discussions
Week 6	Acute Respiratory Distress Syndrome - J&B <u>Module 40 Activities & Quiz</u> <i>ALI & ARDS</i> -weekly presentation team discussions
Week 7	Chest Trauma - J&B <u>Module 43 Activities & Quiz</u> <i>Trauma</i> -weekly presentation team discussions
Week 8	Tuberculosis - J&B <u>Module 52 Activities & Quiz</u> <i>Respiratory Microbiology</i> -weekly presentation team discussions
Week 9	Bacterial Pneumonia - J&B <u>Module 38 Activities & Quiz</u> <i>Pneumonia</i> -weekly presentation team discussions
Week 10	Neuromuscular Disease - J&B <u>Module 45 Activities & Quiz</u> <i>Neuromuscular Dysfunction</i> -weekly presentation team discussions
Week 11	Team Research Presentations
Week 12	FINAL EXAMINATION