

**MACOMB COMMUNITY COLLEGE
THE LEARNING UNIT
HEALTH & PUBLIC SERVICES
RESPIRATORY THERAPY PROGRAM**

FIRST DAY HANDOUT

COURSE NUMBER: RSPT 1140

COURSE TITLE: Cardiopulmonary Pathology

PREREQUISITE: RSPT 1050, 1060, 1081, and 1090

COREQUISITE: RSPT 1111, 1120, 1200, and 1210

INSTRUCTOR: Rick Zahodnic PhD, RRT-NPS, RPFT, AE-C
zahodnicr@macomb.edu
Course Website: www.macomb-rspt.com

TIME: Tuesdays and Thursdays 11:30 – 12:55

ROOM: CE 108

OFFICE: E 220-11

TELEPHONE NUMBER: (586) 286-2033
FAX NUMBER: (586) 566-1343

OFFICE HOURS: Monday & Wednesday: 10:00 – 11:00 AM
Tuesday & Thursday: 7:30 – 9:00 AM

REQUIRED TEXT: Clinical Manifestations & Assessment of Respiratory Disease, by Terry Des Jardins, Sixth Edition, Mosby, 2011

Egan's Fundamentals of Respiratory Care by Wilkins, Stoller, & Scanlan, Ninth Edition, Mosby, 2009

RSPT 1140 Workbook

METHOD OF EVALUATION:

- Case Studies (Ten) 10%
- Exam I 20%
- Exam II 20%
- Exam III 20%
- Final Exam 30%
100%

GRADING

96 - 100%	A
92 - 95%	A-
89 - 91%	B+
86 - 88%	B
83 - 85%	B-
79 - 82%	C+
75 - 78%	C
73 - 74%	D+
71 - 72%	D
70	D-
Below 70%	E

NOTE: A FINAL CLASS AVERAGE OF 75% IS REQUIRED FOR CONTINUATION IN THE RESPIRATORY THERAPY PROGRAM

CLASS POLICIES

1. If a student is unable to take an exam during the scheduled class period, the student **MUST** notify the instructor prior to the scheduled exam to be eligible to take a make up exam. The student may leave a message (286-2033) if the instructor cannot be reached. The student should then contact the instructor to arrange for the make-up exam prior to the next scheduled class period. If a student fails to follow this procedure, there will be no make-up exam and the student will receive a 0 for that exam. **ONLY ONE MAKE-UP EXAMINATION WILL BE ALLOWED.**
2. Make-up exams may be essay-based at the instructor's discretion.
3. Timed exams must be completed within the assigned time frame.
4. Tape recorders are permitted during lecture. **NO RECORDING IS PERMITTED DURING EXAM REVIEW.**
5. Any disciplinary problems (cheating, plagiarism, or conduct that is disruptive to the class, etc.) will be handled in accordance with the HANDBOOK ON RIGHTS AND RESPONSIBILITIES adopted by the Provost and the Standards Committee, January 18, 1994 and revised in April 2006. This handbook can be downloaded from the following link: <http://www.macombedu/NR/rdonlyres/08393098-75E2-4DA0-B534-07B76A0E6DC2/0/StudentHandbook.pdf>. Any person found cheating on exams or committing plagiarism will be summarily dismissed from this course and faces suspension from the Respiratory Therapy Program.
6. All exams are cumulative for the entire Respiratory Therapy Program
7. Test Review: Students who are present for test review must stay for the entire review and until all the tests are returned to the instructor. If a student fails to return a test to the instructor before leaving the room, that student will receive a -0- grade for that exam.

8. Examinations may be a combination of the following:
 - a. Multiple choice
 - b. Short answer
 - c. Definitions
 - d. Essays
 - e. Matching
 - f. Fill in the blank
9. The last day to drop a class for a "W" grade for the 2012 Winter Semester is **April 12, 2012**. Students must complete a withdrawal form at the Enrollment Office in G-120 at Center Campus. Failure to officially withdraw will result in an "E" for the course.
10. Method of Evaluation: The grade for this course will be based on ten case study reports and four examinations. The exams will cover lecture material, reading assignments and homework assignments. Examinations may be cumulative.
11. Testing Guidelines - Students are required to purchase Scantron test scanner forms from Campus (Follet) bookstores. **Purchase Scantron Form No. X-101864-PAR-L**. Students will be required to provide the instructor with four (4) test scanner forms **within the first week of class**. The instructor will then provide the test scanner form in the test packet at the time of testing.
12. Students are allowed to use a simple 4-function, non-programmable calculator for testing purposes. All mobile phones must be turned off and removed from the testing area.
13. If a scantron is used as part of the assessment process, the student will be responsible for transferring the correct answer to the scantron. Final scores will be based upon the markings on the scantron; markings on the scantron will have no bearing on the final score unless specifically outlined in the directions of the exam.
14. Special Needs – Students are responsible for alerting the instructor regarding any special accommodations they may need. The instructor will put the student in touch with a special needs counselor.
15. Learning Assistance – Learning assistance and tutoring are available in the Library on Center Campus in C Building (586-286-2104) as well as in the Learning Center on Center Campus in C Building (586-286-2203).
16. Case Studies – Ten case studies will be part of the course assessment and will be judged based upon the rubric below.

17. The case study distribution and due dates are tentatively as follows:

- a. COPD - February 2 and 9
- b. Asthma – February 14 and 21
- c. CHF – February 28 and March 13
- d. Pneumothorax – March 13 and March 22
- e. Kyphoscoliosis – March 22 and March 9
- f. Guillain-Barré – March 22 and March 29
- g. Lung Cancer – March 29 and April 10
- h. ARDS – April 24 and May 1
- i. Pneumonia – April 26 and May 3
- j. Tuberculosis – May 1 and May 8

CASE STUDY RUBRIC

Each student will be responsible for ten case studies on cardiopulmonary pathologies presented in class. The clinical scenario will be distributed approximately one week before each case study is due. The case study must be typewritten (2 pages maximum, although in most cases one page is sufficient) and will be reviewed according the rubric below.

	Excellent (2)	Acceptable (1)	Marginal (0)	Score
• Case study is turned in electronically on time (one category reduction for each class session it is turned in late).				
• All components of a respiratory care assessment are complete and the plan includes the appropriate respiratory care protocols.				
• All blood-gas results are appropriately classified.				
• Summary Questions are answered correctly.				
• Grammar, spelling, punctuation, and conciseness of presentation are appropriate.				

CLASS SCHEDULE

DATE	EVENT	READING FOR NEXT CLASS
Tuesday, January 10	RSPT 1050 & RSPT 1060 Exam Review and Course Outline	Des Jardins, Chapters 3 – 4
Thursday, January 12	Module A – Diagnostics	Des Jardins, Chapters 1, 2 & 9
Tuesday, January 17	Module A – Diagnostics	None.
Thursday, January 19	Module B – Introduction to Mechanical Ventilation	Egan, Chapter 44, pp 1045-1066
Tuesday, January 24	NO CLASS	
Thursday, January 26	MODULE C1 – COPD	Des Jardins, Chapters 11 & 12
Tuesday, January 31	MODULE C1 – COPD	Des Jardins, Chapters 11, 12,
Thursday, February 2	MODULE C1 – COPD	Des Jardins, Chapter 13
Tuesday, February 7	MODULE C2 – Asthma	Des Jardins, Chapter 14
Thursday, February 9	MODULE C2 – Asthma	
Thursday, February 14	EXAM I (MODULES A – C2)	Des Jardins, Chapter 13
Thursday, February 16	MODULE C3 – Bronchiectasis	Des Jardins, Chapter 41
Tuesday, February 21	MODULE C4 – Cystic Fibrosis	Des Jardins, Chapter 40
Thursday, February 23	MODULE C5 – Croup & Epiglottitis	Des Jardins Chapter 19
Tuesday, February 28	MODULE D1 – MI & CHF	Des Jardins Chapter 20 & Handout
Thursday, March 1	MODULE D2 – PE & CVA	Des Jardins Chapters 21 & 22
Tuesday, March 6	SPRING BREAK – NO CLASS	
Thursday, March 8	SPRING BREAK – NO CLASS	
Tuesday, March 13	MODULE E1 – Flail Chest & Pneumothorax	
Thursday, March 15	EXAM II (Modules C3 – E1)	
Tuesday, March 20	MSRC – NO CLASS	Des Jardins, Chapters 23 & 24
Tuesday, March 22	MODULE F1 – Neuromuscular Diseases	
Tuesday, March 27	MODULE F2 – Sleep Apnea MODULE G1 – Cancer	Des Jardins, Chapters 26
Thursday, March 29	MODULE G1 – Cancer	Des Jardins, Chapters 42
Tuesday, April 3	EASTER BREAK - NO CLASS	Des Jardins, Chapters 31 & 26
Thursday, April 5	EASTER BREAK - NO CLASS	Des Jardins, Chapters 31 & 26
Thursday, April 10	MODULE G2 – Near Drowning	Des Jardins, Chapters 43
Tuesday, April 12	MODULE G3 – Smoke Inhalation & Thermal Injuries	
Thursday, April 17	EXAM III	Des Jardins, Chapters 28
Thursday, April 19	MODULE G4 – Interstitial Disease	Des Jardins, Chapters 27
Tuesday, April 24	MODULE G5 - ARDS	Des Jardins, Chapters 15
Thursday, April 26	MODULE H1 - Pneumonia	Des Jardins, Chapters 17 & 18
Tuesday, May 1	MODULE H2 - TB & Fungal Disease	Des Jardins, Chapters 16 & Handout
Thursday, May 3	MODULE H3 – Lung Abscess, Influenza, SARS	
Tuesday, May 8	Final Exam Review	
Thursday, May 18	FINAL EXAM	

RSPT 1140 GRADING TEMPLATE

ITEM	GRADE	PERCENT	POINTS
Case Study – COPD (max. 1 point)		x .01	
Case Study – Asthma (max. 1 point)		x .01	
Case Study – CHF (max. 1 point)		x .01	
Case Study – Pneumothorax (max. 1 point)		x .01	
Case Study – Kyphoscoliosis (max. 1 point)		x .01	
Case Study – Guillain-Barré (max. 1 point)		x .01	
Case Study – Lung Cancer (max. 1 point)		x .01	
Case Study – ARDS (max. 1 point)		x .01	
Case Study – Pneumonia (max. 1 point)		x .01	
Case Study – Tuberculosis (max. 1 point)		x .01	
Exam I (max 15 points)		x .20	
Exam II (max 15 points)		x .20	
Exam III (max 15 points)		x .20	
Final Exam (max. 25 points)		x .30	
		TOTAL	