

CASPER COLLEGE COURSE SYLLABUS
RESP – 1515 01 Respiratory Lab I

Semester/Year: Fall 2015

Lecture Hours:

Lab Hours: 4

Credit Hours: 1

Class Time: 10-11:50

Days: Th-F

Room: 114

Instructor's Name: Doug Neubert

Instructor's Contact Information: Office Phone: 268-2544
HS 113

Email:
dneubert@caspercollege.edu

Office Hours: Posted

Course Description: This course will be the laboratory where respiratory skills are practiced, simulated and learned before using them in the clinical rotation. Subjects covered will be patient assessment, oxygen systems and administration, aerosol and humidity therapy, medication delivery and lung expansion therapy.

Statement of Prerequisites: RESP 1500, 1505

Goal: The goal of this course is to provide the students with the opportunity to practice and perform respiratory skills in a controlled environment.

Outcomes: Upon completion of this course, students will demonstrate competence in performing:

- 1) Solve problems using critical thinking and creativity
- 2) Use quantitative analytical skills to evaluate and process numerical data
- 3) Patient assessment
- 4) Oxygen therapy modalities and supply systems
- 5) Aerosol and humidity therapy
- 6) Bronchial hygiene
- 7) Lung expansion therapy
- 8) establishing an airway
- 9) artificial airways

Evaluation Criteria:

Criteria	Points	Other
Written Midterm	100	
Written Final	200	
Demo midterm	100	
Demo final	200	
Lab check off	0 points (neg 1 point for all redoes and reschedules) (neg 10	

	points if rescheduled without prior approval or unexcused absence)	
Total	400pts	

GRADE	POINTS	OTHER
A	92% or above	
B	83%-91%	
C	78%-82%	
D	Below 78%	
F	Below 70%	Less than 78% is failure to pass the class and failure to progress in the program.

Required Text, Readings, and Materials: White, Gary C. Basic Clinical Lab Competencies for Respiratory Care: An Integrated Approach. 5th Edition. Delmar Learning, 2013

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Last Date to Change to Audit Status or to Withdraw with a W Grade: Last date to change to Audit Status or withdraw with a W grade- Friday, Nov. 12, 2015.

Students must adhere to policies and procedures outlined in the student handbook for Respiratory Therapy.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Interim Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students

requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content:

DATE	TOPIC	LAB MANUAL		WORKBOOK
8-27	Physical Assessment	Chapter 2		
8-28	Physical Assessment			
9-3	Check off	Check off		
9-4	Drug Administration (initial)	Chapter 14		
9-10	Check off			
9-11	O2 supply systems Tanks: and Possible Regulators	Chapter 12	Transport with Oxygen General- liquid and oxygen concentrators	
9-17	WSRC	WSRC		
9-18	WSRC	WSRC	Check off after WSRC meeting	
9-24	O2 Administration- Oxygen supply devises Possibly Regulators and flow meters here		Cannula: masks: High flow and low flow systems	
9-25	Check off			
10-1	Oximetry		Same day check off	
10-2	Humidification/Bronchodilators			
10-8	Humidifiction/Bronchodilaters			
10-9	Check off	Check off		
10-15	Mid-term review	Midterm review		
10-16	Mid-Term TEST/demo	Mid- TermTEST/demo	Mid TermTEST/demo	
10-22	IS / IPPB	Check off Same day		
10-23	Bronchial Hygiene	Chapter 16		
10-29	Bronchial Hygiene	Chapter 16		
10-30	Check off			
11-5	Resuscitation Bags/Check off same day/Airways	Chapter 5	Simulation Lab	
11-6	ADVISING DAY	ADVISING DAY		
11-12	(airways)			
11-13	Check off			
11-19	Intubation	Chap 21		
11-20	Check off			
11-26	Thanksgiving	Thanksgiving	Thanksgiving	

11-27	Thanksgiving	Thanksgiving	Thanksgiving	
12-3	REVIEW			
12-4	REVIEW			
12-10	Demo/Lab final	Demo/Lab Final	Demo/Lab Final	
12-11	Demo/Lab final	Demo/Lab Final	Demo/Lab Final	
12-14-17	Finals Week			