

CASPER COLLEGE COURSE SYLLABUS
RESP 2510 01
Respiratory Pediatrics and Neonatology

Semester/Year: FALL- 2015

Lecture Hours: 2

Lab Hours:

Credit Hours: 2

Class Time: starting

Days: M/T

Room: HS/116

9-9:50

Instructor's Name: Doug Neubert

Instructor's Contact
Information:

Office Phone: 268-2544
Home Phone: 266-4286

Email:
dneubert@caspercollege.edu

Office Hours: Posted – Refer to instructors “Door Schedule”

Course description: Course material will cover prenatal, neonatal, and pediatric respiratory care

Statement of Prerequisites: RESP 1507, 1515, 1518, 1523

Goal:

To introduce the students to the subject and scope of Perinatal and Pediatric respiratory care.

Outcomes:

Upon completion of this course students should have an understanding of-

- 1- Use quantitative analytical skills to evaluate and process numerical data
- 2- Solve problems using critical thinking and creativity
- 3- Embryological development of the cardiopulmonary system
- 4- Assessment of fetal growth and development
- 5- Labor, delivery, and physiological changes after birth
- 6- Techniques of resuscitation and stabilization
- 7- Assessment of the neonatal and pediatric patient
- 8- Respiratory care procedures
- 9- Pharmacology in neonatal and pediatric respiratory care
- 10- Assessment of oxygenation and ventilation
- 11- Perinatal lung disease and other problems of prematurity
- 12- Pediatric disease requiring respiratory care
- 13- Concepts of mechanical ventilation and management
- 14- Perinatal transport

Outcomes: Outcomes will be measured through testing of course material.

Methodology: Lecture, handouts, video, discussion , questions/answer

Evaluation Criteria:	A = 92-100%	-672 pts		
	B = 83-91%	-606 pts	Tests X 5	100 pts each
	C = 78-82%	-548 pts	Final	150 points
	F = 0-74%			
			Total=	650 points

Required Text, Readings, and Materials: Julianne S. Perretta, Neonatal and Pediatric Respiratory Care; F. A. Davis, 2014. Hand outs and required reading assignments from Journals

Class Policies:

- 1) Tests that are taken opposed to syllabus testing dates must be priorly approved by myself. Approval will be granted by a case by case basis. Failure of notice will invoke a 10% reduction in point outcome of that specific test.
- 2) Failure to pass this course with a "C" or better will result in dismissal from the program.
- 3) Last Date to Change to Audit Status or to Withdraw with a W Grade: - Nov, 12rd 2015

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.

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.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment to see me at your earliest convenience.

Chain of Command: If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the department head, then the division chair, and lastly the interim vice president for academic affairs.

	Chapter	Content
8/24	One	Embryological Development
8/25	Two	Assessment of fetal growth
8/31	Three	Labor and Delivery
9/1	Review	
9/7	Labor day	Labor day
9/8		TEST
9/14	Five	Assessment
9/15	Nine	Assessment 02 and Ventilation
9/21	Thirteen	x-ray
9/22	Review	
9/28		TEST
9/29		Respiratory therapy procedures
10/5	Six	Continuing care
10/6	Seven	Resp procedures
10/12	Review	
10/13		TEST
10/19	Fall Break	Fall Break
10/20	Fall Break	Fall Break
10/26	Ten	Perinatal lung diseases
10/27	Eleven	Perinatal illness
11/2	Twelve	Pediatric diseases requiring resp care
11/3		Pediatric diseases requiring resp care
11/9	Review	
11/10		
11/16		TEST
11/17	Fourteen	Concepts of mechanical ventilation
11/23	Fifteen	Mechanical ventilation
11/24	seventeen	Special procedures
11/30	review	
12/1	TEST	
12/7	Review	
12/8	Review	
12/14-17	Final week	