

RESP 238 Clinical Simulation III 1 CREDITS

SYLLABUS

CATALOG DESCRIPTION

This course is a review of selected adult, pediatric and neonatal scenarios used in the clinical simulation examination of the National Board for Respiratory Care (NBRC).

Prerequisites: RESP 122, 124, 220, 226, 228

Co-Requisites: RESP 222, 230, 232, 240

Semester Offered: Fall Semester

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

GENERAL LEARNING OBJECTIVES

Upon successful completion of the course, the student will be able to:

1. Take a self assessment exam in clinical simulation and identify weaknesses.
 2. Review the appropriate text and disease process to strengthen weaknesses.
 3. Successfully pass a clinical simulation examination on selected adult, neonatal and pediatric cases.
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SPECIFIC LEARNING OBJECTIVES

Upon successful completion of the course, the student will be able to:

1. Demonstrate management of selected adult disorders from the following:
 - A. Chest pain/myocardial infarction
 - B. Shock
 - C. Asthma / status asthmaticus
 - D. Emphysema/chronic bronchitis
 - E. Bronchiectasis
 - F. Chest trauma/thoracic surgeries
 - G. Head trauma/surgery
 - H. Neck and spinal injury/surgery
 - I. Adult respiratory distress syndrome
 - J. Congestive heart failure/pulmonary edema
 - K. Burns/smoke inhalation/CO poisoning
 - L. Near drowning
 - M. Sleep apnea
 - N. Abdominal surgery
 - O. Neurological/neuromuscular disorder
 - P. Pulmonary emboli
 - Q. Diabetic/renal failure
 - R. Acquired immune deficiency syndrome (AIDS)
 - S. Obesity
 2. Demonstrate management of selected neonatal and pediatric disorders from the following:
 - A. Delivery room care
 - B. Infant apnea/SIDS
 - C. Meconium aspiration
 - D. Congenital heart defects
 - E. Infant respiratory distress syndrome
 - F. Hypothermia
 - G. Croup
 - T. Epiglottitis
 - U. Cystic fibrosis
 - V. Bronchiolitis
 - W. Foreign body obstruction
 - X. Toxic substance ingestion
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ASSESSMENT TECHNIQUES

1. Simulation Exams
2. Mid-term Exam
3. Final Exam

ACCOMODATIONS STATEMENT

Students who need accommodations (i.e., notetaker, interpreter, special seating, etc.) need to provide accommodation notices to the instructor. Students can contact the Students with Disabilities on Campus (SDOC) Coordinator in the Counseling Center, located in the Administration Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

ACADEMIC HONESTY RULES

San Juan College expects all students to adhere to the Academic Honesty Rules as posted on our website, <http://www.sanjuancollege.edu/academichonesty>. All Health Sciences Programs have a responsibility to ensure enrolled students and graduates are safe, ethical and competent practitioners. To ensure professionalism, students and faculty must uphold and abide by college and program accreditation specific policies.

SYLLABUS DEVELOPED AND/OR REVIEWED BY:

Dean of Health Sciences: _____ Date: _____

Respiratory Program Director: _____ Date: _____

Respiratory Clinical Coordinator: _____ Date: _____