



## SYLLABUS

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### CATALOG DESCRIPTION

This course provides clinical experience in basic therapeutic modalities in the clinical setting. This includes patient assessment, pulmonary function testing, blood gas analysis, EKG, chest x-ray, medical gas therapy, aerosol therapy, humidity therapy, IPPB, chest physiotherapy, and airway care.

Prerequisites: RESP 110, 112, 114, 118, 236

Co-Requisites: RESP 116, 120, 128

Semester Offered: Spring 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. Demonstrate ethical behavior, safety practices, effective communication skills, interpersonal and teamwork skills in a clinical environment.
2. Select, review, obtain and interpret data.
3. Select, assemble and check equipment for proper function, operation, and cleanliness.
4. Initiate, conduct, and modify prescribed therapeutic procedures based on patient outcomes.
5. Demonstrate proficiency and competency in the delivery of respiratory care procedures.

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## **SPECIFIC LEARNING OBJECTIVES**

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

1. Demonstrate ethical behavior, safety practices, effective communication skills, interpersonal and teamwork skills in a clinical environment:
  - A. Demonstrate adherence to hospital policies and procedures.
  - B. Demonstrate adherence to department policies and procedures.
2. Select, review, obtain and interpret data.
  - A. Locate or identify pertinent data in the patient's chart.
  - B. Interpret data from patient history, clinical assessment, chest x-ray, and laboratory tests.
  - C. Demonstrate critical thinking as well as problem-solving skills.
3. Select, assemble and check equipment for proper function, operation, and cleanliness.
  - A. Demonstrate equipment care and set-up in medical gas therapy.
  - B. Demonstrate equipment care and set-up in aerosol therapy.
  - C. Demonstrate equipment care and set-up in humidity therapy.
  - D. Demonstrate equipment care and set-up in chest physiotherapy.
  - E. Demonstrate equipment care and set-up in lung expansion therapy.
  - F. Demonstrate equipment care and set-up in airway care.
  - G. Demonstrate equipment care and set-up in pulmonary function testing.
  - H. Demonstrate equipment care and set-up in blood gas analysis.
  - I. Demonstrate equipment care and set-up in EKG.
4. Initiate, conduct, and modify prescribed therapeutic procedures based on patient outcomes.
  - A. Perform medical gas therapy and document patient's response.
  - B. Perform aerosol therapy and document patient's response.
  - C. Perform humidity therapy and document patient's response.
  - D. Perform chest physiotherapy and document patient's response.
  - E. Perform lung expansion therapy and document patient's response.
  - F. Perform airway care and document patient's response.
5. Demonstrate proficiency and competency in the delivery of respiratory care procedures.
  - A. Perform patient assessment and therapeutic procedures.

To demonstrate skills learned in the classroom while under the supervision of a Respiratory Therapist.

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## **ASSESSMENT TECHNIQUES**

1. Skills Competencies Assessment (check-offs)
  2. Homework/Project
  3. Mid-Term Exam
  4. Final Exam
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## 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.

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## 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.

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### SYLLABUS DEVELOPED AND/OR REVIEWED BY:

Dean of Health Sciences: \_\_\_\_\_ Date: \_\_\_\_\_

Director of Respiratory Therapy: \_\_\_\_\_ Date: \_\_\_\_\_

Clinical Coordinator of RT: \_\_\_\_\_ Date: \_\_\_\_\_