



RESP 232 Pulmonary Rehabilitation & Home Care Section Name Section Credit Hours Credits **Syllabus**

Course Information

Meeting times and location: section meeting_times section location

Catalog description: This course presents the principles and applications of pulmonary rehabilitation, respiratory home care, and healthcare reimbursement. Included is sub-acute care geriatrics.

Prerequisites: Take RESP-120, RESP-122, RESP-124, RESP-126, and RESP-128. Minimum grade required: "C".

Terms offered: Spring Only

Section-specific Course Description:

Course Level Objectives

GENERAL LEARNING OBJECTIVES

1. Describe the scope and definitions of rehabilitation.
2. Identify the goals, objectives and rationale for pulmonary rehabilitation.
3. Discuss the program formats, components, content and outcome assessment.
4. Compare the different oxygen delivery systems for home care.
5. Identify basic equipment and supplies used in respiratory home care.
6. Describe patient assessment and environmental assessment in the home care setting.
7. Identify the cases commonly managed in a home ventilator program.
8. Identify guidelines for reimbursement of respiratory equipment and services.
9. Describe sub-acute care and the role of the respiratory therapist.
10. Describe respiratory care applications in geriatrics.

SPECIFIC LEARNING OBJECTIVES

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

1. Describe the scope and definitions of rehabilitation:
 1. Define pulmonary rehabilitation.
 2. State the difference between pulmonary and cardiac rehabilitation.
2. Identify the goals, objectives and rationale for pulmonary rehabilitation:
 1. List the goals and objectives of pulmonary rehabilitation.
 2. State the basis for patient selection.
3. Discuss the program formats, components, content and outcome assessment:
 1. Differentiate closed-format, open-format, individual sessions, and group sessions.
 2. Identify the program component requirements for location, space and equipment.
 3. Discuss patient education, exercises, treatment plan, prescription and documentation.
 4. Identify the benefits and methods of measuring and assessing outcomes.
4. Compare the different oxygen delivery systems for home care:
 1. Describe the set up and operation of oxygen concentrators.
 2. Describe the set up and operation of liquid oxygen system.
 3. Describe the set up and operation of oxygen conserving devices.
 4. Describe the set up and operation of compressed gas cylinders.
5. Identify basic equipment and supplies used in respiratory home care:
 1. Discuss the goals and set up of aerosol therapy.
 2. Discuss the goals and set up of IPPB therapy.
 3. Explain the use and care of suction units, percussors and devices for cough assistance.
 4. Discuss the goals, set up and care of CPAP and bi-level therapy.
 5. State the indications for home infant apnea monitoring.
6. Discuss environmental assessment and patient education in the home care setting:
 1. Explain the rationale for assessment of the home environment, care-giver support, patient education, and psychosocial status.
7. Identify the cases commonly managed in a home ventilator program:
 1. Describe ventilatory neuromuscular dysfunction.
 2. Describe central hypoventilation syndrome.
 3. Describe restrictive lung diseases for home care.
 4. Describe obstructive lung diseases for home care.

8. Identify guidelines for reimbursement of respiratory equipment and services:
 1. Identify agencies and programs that provide healthcare reimbursement or coverages.
 2. Identify regulatory bodies, accreditation and licensure for home care.
9. Describe sub-acute care and the role of the respiratory therapist:
 1. Define sub-acute care and identify the core elements.
 2. List 3 elements of admission and 3 groups of respiratory patients for sub-acute care.
 3. Describe the role of the respiratory therapist and the modalities used in sub-acute care.
 4. Explain discharge planning and reimbursement in sub-acute care.
10. Describe respiratory care applications in geriatrics:
 1. Identify clinical interventions for older patients with visual and hearing deficits.
 2. Identify the various assessments and treatments used for the older patient.

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Course Requirements

Students will do the following activities:

Grading

Final grades are calculated based on the following...

Key Dates to Remember

[Full Academic Calendar](#)

Program Handbook

The Respiratory Therapy Program Handbook provides information on student program specific support, and policies.

[RT Program Policy Handbook](#)

The Respiratory Therapy Clinical Practicum guide provides information on policies and procedures for the clinical practicum.

[Clinical Practicum Guide](#)

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For password reset and and Canvas support, visit the [Student Technology Guide](#) website.

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

Academic Support and Resources

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

Student Support and Resources

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and](#)

[Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

Contagious diseases and your responsibility:

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

Safety on campus and your responsibility:

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students are advised to check with instructors about alternative meeting options, as some may choose to meet

via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.