



RESP 222 Neonatal & Pediatric Respiratory Care Section Name Section Credit Hours Credits

Syllabus

Course Information

Meeting times and location: section meeting_times section location

Catalog description: This course introduces assessment skills, resuscitative procedures and appropriate therapies needed to treat the pediatric patient. This course also includes a study of neonatal anatomy and physiology, labor and delivery, high risk infants, resuscitation, ventilator management, and common neonatal pathologies and modalities for their treatment.

Prerequisites: Take RESP-120, RESP-122, RESP-124, RESP-126, and RESP-128. Minimum grade required: "C". Take RESP-220, RESP-226 and RESP-228

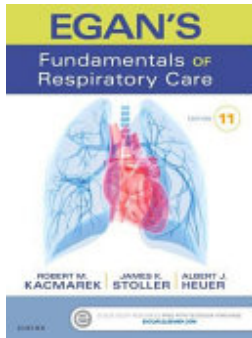
Terms offered: Fall Only

Section-specific Course Description:

Course Level Objectives

1. Describe fetal lung development and circulation.
2. Discuss the tests performed to assess lung maturity.
3. Discuss the fetal-neonatal transition.
4. Describe the management of critically-ill neonate.
5. Compare the physical assessment of the newborn and pediatric patients.
6. Identify and discuss the basic respiratory care modalities for neonatal and pediatric patients.
7. Discuss the airway and ventilator management of neonatal and pediatric patients.
8. List and describe special procedures and patient transport for neonatal and pediatric patients.
9. Discuss high frequency ventilation.
10. Discuss the common cardiopulmonary disorders found in newborn and pediatric patients.

Required Texts and/or Materials



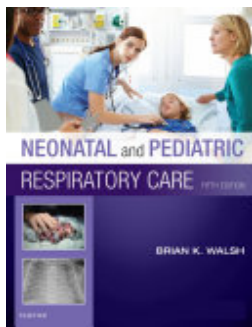
Egan's Fundamentals of Respiratory Care

9780323341363

Robert M. Kacmarek, James K. Stoller, Al Heuer

Mosby

2016-04-01



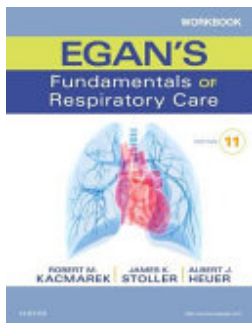
Neonatal and Pediatric Respiratory Care - E-Book

9780323545938

Brian K. Walsh

Elsevier Health Sciences

2018-09-06



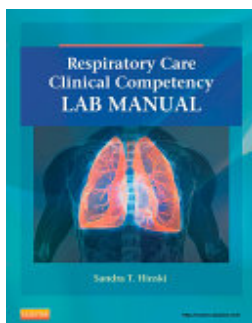
Workbook for Egan's Fundamentals of Respiratory Care

9780323335852

Robert M. Kacmarek

Mosby

2016-04-01



Respiratory Care Clinical Competency Lab Manual

9780323292443

Sandra T Hinski

Elsevier Health Sciences

2014-09-05

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Course Requirements

Students will do the following activities:

Each student is personally accountable for all respiratory therapy program student responsibilities outlined in the SJC Respiratory Therapy Student Handbook, the SJC Student Handbook, the SJC Respiratory Therapy Student Clinical Practicum Guide, as well as those outlined in the individual course guidelines.

Because each course builds on your foundation for future employment as a respiratory care practitioner we expect professional behavior and attendance during all classroom sessions. The health care field has serious responsibilities and the need for the highest level of competency, integrity, professionalism, compassion, empathy and respect in a healthcare provider. For the student to be successful in this course please review the following guidelines.

For the WEEKLY Homework Assignment please review the following details:

1. Review Chapters and complete the weekly assignment BEFORE you come to class. It is the student's responsibility to be prepared for each and every class session. Turn in the weekly homework assignment as directed in this online forum. In order to receive credit for completing your homework assignment you must turn them in. You are responsible for turning in assignments on time.
2. Read the assigned chapters and any supplemental reading material provided. Each assignment is crucial to the student's performance and comprehension of course materials.
3. You may be quizzed at the start of each class meeting on the assigned reading, PowerPoint, or informational resources provided in the week's module.
4. PLEASE bring the required textbooks to class every day.
5. Please come to class prepared and ready to learn. Readiness to learn means that you will come to class with questions and insights and be prepared to discuss the relevance and application of course materials. This includes being actively engaged in group discussions and group activities.
6. ALL homework assignments must be completed to pass this course. This is not a course where you can skip an assignment because you are busy or don't feel like doing the assignment. Therefore if you miss a deadline you will earn a "0" for the assignment AND you will still be

required to submit the assignment. If you have any assignments that are incomplete at the end of the semester you will receive an "F" in the course.

7. If the student misses more than one homework assignment the homework grade will be reduced by 1% for each missed or late assignment.
8. If NO assignment is turned in by the assignment deadline you will receive a ZERO.
9. NO LATE HOMEWORK ASSIGNMENTS will be accepted for credit unless you have made PRIOR arrangements with your instructor.
10. If you are absent from class you will receive a ZERO for the assignments that are due and any exams and/or quizzes assigned on the day of your absence; unless you have made PRIOR arrangements with your instructor.
11. The student is responsible for making arrangements for any make-up work, quizzes, and/or tests. In the case of an emergency the student is required to return to the next class with an official note to explain the incident.
12. There will be competency check-offs on the procedures being reviewed in the course. The student must perform the procedures before the instructor with No Critical Errors Noted to satisfactorily pass the course.
13. Be aware that any student whose actions interfere with normal classroom activities or clinical could be subject to suspension or expulsion from the program. In addition, any sign of rejecting, rude, disrespectful, derogatory, judgmental behaviors towards clients, classmates, agency, staff, and/or faculty is not tolerated and will be subject to suspension or expulsion.

Other Classroom Policies and Expectations

Cell Phones

All cell phones are to remain OFF or on the vibrate mode during class times AND PUT AWAY. If you are expecting a phone call during class time you will need to inform the instructor before the class starts. This is a disruption to the class period and to your fellow students. Cell phones are NEVER to be answered in the classroom during class time and absolutely no texting during class time. If it is determined that a student has been using his/her cell phone during instruction the student will receive a zero for assignments/quizzes/competencies which are completed/due during that class period.

Use of electronic recording devices during classroom time: You must receive permission from the instructor to use electronic recording devices, the use of tape recorders and other recording devices will be at the instructor's discretion.

Social Media Websites

Any information gleaned from class content is not to be posted on any social media website or other internet sources. Class information is intended for use by respiratory therapy students only.

Grading

Final grades are calculated based on the following...

Category	Weight
Assignments	10
Laboratory Exercises	15
Quizzes	20
Midterm	25
Final	30
Total	100

Course Time Commitment

On a weekly basis, on average, a student should expect to commit a minimum of three hours (on your own) for every hour you are in class to successfully complete course requirements. This includes reading, studying, making notes, working on assignments, etc.

Canvas Participation and Expectations

Students need to log into Canvas on a daily basis. Please set up your Canvas student account to receive emails or class messages on your personal email account or through your cell phone.

Participation and Attendance Policy

As is stated in the Respiratory Therapy Student Handbook-- The individual instructors may require more stringent attendance requirements. Please read the following which outlines the Attendance requirements for this course.

1. Punctual attendance at all scheduled classes and/or events is expected.
2. Because of the course content, lab, and clinical experience, attendance is mandatory. All class/lab/clinical hours must be completed as scheduled.
3. It is the responsibility of the student to notify the instructor regarding class/lab/clinical absence prior to the scheduled class/lab/clinical.

4. Absences: In the event of an absence, the student must communicate with the instructor before the scheduled class time.
5. Two or more absences and/or three tardy/late arrivals will result in counseling with the instructor, the program director, the dean of health sciences and may result in suspension and/or possible dismissal from the program.
6. In addition, more than 2 absences are defined as excessive and will result in a minimum of a 10% deduction in the final grade.
7. In regards to tardiness (>10 min late) the final grade will be reduced 1% after the second tardiness and for each subsequent tardy.
8. Leaving more than 15 minutes early without prior approval by the instructor will result in tardiness.
9. Any absences over six may result in dismissal from the class.
10. Three NO CALL/NO SHOW absences may result in immediate dismissal from the class.
11. Individual instructors may require more stringent attendance requirements. Please read the appropriate course guideline

Instructor Response Times & Regular Interaction Expectations

The instructor will respond to your emails and phone calls within a 24 hour period during the week and a 48 hour period over the weekend. Grades are typically entered for weekly assignments during the week the assignment is due. Grades are entered for written papers or special assignments within a 7-14 day period. Typically exams are corrected as each one is completed in Canvas. If an exam has essay-style questions on it the questions will be graded within a 24-48 hour period following the completion of the exam.

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

<https://www.sanjuancollege.edu/academiccalendar>

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.