RESP-170: RESPIRATORY CARE CLINICAL I

Effective Term
Fall 2026

CC Approval
12/05/2025

AS Approval
12/11/2025

BOT Approval
12/18/2025

SECTION A - Course Data Elements

Send Workflow to Initiator
No

CB04 Credit Status
Credit - Degree Applicable

Discipline

Minimum Qualifications	And/Or
Respiratory Technologies (Any Degree and Professional Experience)	

Subject Code
RESP - Respiratory Care
Course Number
170

Department
Respiratory Therapy

Division
Health Occupations (HEOC)

Full Course Title
Respiratory Care Clinical I

Short Title
Respiratory Care Clinical I

CB03 TOP Code
1210.00 - *Respiratory Care/Therapy

CIP Code
51.0908

CB08 Basic Skills Status
NBS - Not Basic Skills

CB09 SAM Code
C - Clearly Occupational

Rationale
Fix dangling hours.

SECTION B - Course Description

Catalog Course Description
Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students will work primarily in the non-critical care areas of the hospital.

SECTION C - Conditions on Enrollment

Open Entry/Open Exit
No

Repeatability
Not Repeatable

Grading Options
Letter Grade Only

Allow Audit
Yes

Requisites

Corequisite(s)
Concurrent enrollment in RESP-150 and RESP-160.

Requisite Justification

Requisite Description
Course in a Sequence

Subject
RESP
Course #
150

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
Upon entrance into this course, the student will be able to:
1. Apply proper techniques in basic patient assessment.
2. Differentiate various breath sounds heard in lung diseases.
3. Describe the proper storage, transport, and maintenance of medical gas systems.
4. Demonstrate the proper delivery of therapeutic gases.
5. Discuss the indications and hazards associated with oxygen administration.
6. Compare and contrast humidity and aerosol therapy.
7. Apply humidity and aerosol therapy using acceptable techniques.
8. Explain the technique for incentive spirometry.
9. Explain the use of the various airway clearance devices.
10. Demonstrate the proper technique for drawing arterial blood.
11. Discuss the technique for intermittent positive pressure breathing.
12. Describe the indications for basic manual and mechanical ventilation.

Requisite Description
Course in a Sequence

Subject
RESP
Course #
160

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
1. Calculate dosages of medications.
2. Categorize aerosol delivery equipment and techniques.
3. Explain the mechanism of action, indications, and hazards of the sympathomimetic bronchodilators.
4. Discuss the recommended use for the parasympatholytic bronchodilators.
5. Discuss the reason why the methylxanthines bronchodilators are rarely used for asthma.
6. Compare and contrast the two FDA-approved mucus controlling agents.
7. Describe the uses and hazards associated with administration of corticosteroids.
8. Compare and contrast the surfactant replacement agents used in neonatal care.
9. Explain the indications, mechanism of action, and hazards associated with the administration of antimicrobials.

SECTION D - Course Standards

Is this course variable unit?
No

Units
2.50

Lab Hours
135

Outside of Class Hours
0

Total Contact Hours
135

Total Student Hours
135

Distance Education Approval

Is this course offered through Distance Education?
No

SECTION E - Course Content

Student Learning Outcomes

	Upon satisfactory completion of the course, students will be able to:
1.	Safely administer basic respiratory therapy procedures in a clinical environment.
2.	Demonstrate professional behavior appropriate to the clinical setting.

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1.	Demonstrate proper medical record review.
2.	Apply infection control techniques.
3.	Apply appropriate communication techniques.
4.	Demonstrate proper body mechanics when moving patients.
5.	Perform basic cardiopulmonary assessments.
6.	Demonstrate non-critical patient therapies.
7.	Perform arterial blood gas punctures.
8.	Document procedures in patient medical record.

Course Content

1. Proper chart review
2. Infection control and use of barrier devices
3. Communication techniques
4. Body mechanics when moving patients
5. Cardiopulmonary assessment techniques
6. Non-critical respiratory care techniques
7. Arterial blood gas technique
8. Documentation of procedures performed

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Activity	Case studies and scenarios to be reviewed in person with prompted work to be completed via hybrid supplemental instruction and discussion boards.
Discussion	In class and on-line discussion of student selected topics relevant to the section of the course being completed at the time.
Field Experience	Hospital clinical experience.

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Lab Activities	1. Successful completion of clinical objectives and skills checkoffs. 2. Review and analyze patient case studies.
Other	Student satisfaction with their educational experience.

Assignments

Reading Assignments

1. Read the National Institute of Health's Consensus Document for Asthma Management.

2. Prior to attending the clinical shift at Kaiser Vallejo, read the required handout on the patient safety guidelines and take the post-test.

Writing Assignments

1. Write a patient case study using the form provided. Be prepared at the next debriefing session to present the patient.

2. List and describe the equipment needed for oxygen administration.

Outside-of-Class Assignments

Document procedures observed, procedures performed, and physician interaction in the DataArc electronic tracking system.

SECTION F - Textbooks and Instructional Materials

Material Type

Textbook

Author

Butler, Thomas J.

Title

Laboratory Exercises for Competency in Respiratory Care

Edition/Version

3rd

Publisher

F. A. Davis

Year
2013

SECTION G - Diversity, Equity and Inclusivity

How does your course and/or course outline of record reflect strategies for accommodating and engaging diverse student populations, advancing equitable outcomes, and fostering inclusion for all students?

This course prepares future healthcare workers to provide culturally competent, equitable care. Through understanding diverse health beliefs, social determinants, and disparities, students develop the skills and empathy needed to serve all patients with respect and fairness.

Course Codes (Admin Only)

CB00 State ID
CCC000217064

CB10 Cooperative Work Experience Status
N - Is Not Part of a Cooperative Work Experience Education Program

CB11 Course Classification Status
Y - Credit Course

CB13 Special Class Status
N - The Course is Not an Approved Special Class

CB23 Funding Agency Category
Y - Not Applicable (Funding Not Used)

CB24 Program Course Status
Program Applicable

Allow Pass/No Pass
No

Only Pass/No Pass
No