

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

RT 155 - Respiratory Care Practicum I

2.25 Unit(s)

Prerequisite(s): RT 140, RT 142, RT 145

Recommended Prep: NONE

Transfer Status: NT

118 hours Lab

This course is designed as a clinical experience to allow the respiratory care student to hone skills learned in previous RT courses while developing new skills in the performance of day-to-day tasks of the staff respiratory care practitioner. Critique of clinical performance by hospital personnel is a component part of grading for this course. Offered in Winter Session only. Travel to out-of-area clinical facilities will be required. Graded only.

II. OBJECTIVES

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

- A. Categorize clinical tasks into a plan that provides both required therapy and allowance for contingencies.
- B. Practice communication skills so that economy and effectiveness are provided for inter- and intra-departmental communication.
- C. Employ assessment skills learned in previous clinical courses on a variety of patient populations, and provide appropriate patient education as indicated under the guidance of a licensed respiratory care practitioner.
- D. Practice neonatal and pediatric assessment skills in a Level III neonatal intensive care unit (NICU) and a pediatric intensive care unit (PICU).
- E. Practice neonatal and pediatric respiratory procedures in a NICU and PICU, including the management of mechanical ventilation.
- F. Apply the skills learned in the American Academy of Pediatrics Neonatal Resuscitation Program course to a delivery room resuscitation situation, under the guidance of a licensed respiratory care practitioner.

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

		Lab
<u>Topics</u>		<u>Hours</u>
1. Neonatal Resuscitation Program		8.00
2. Pediatric/perinatal respiratory care		50.00
3. Respiratory care of the non-surgical patient		60.00
Post-trauma respiratory care		
Respiratory emergencies		
Pre-surgical and post-surgical respiratory care		
Total Hours		118.00

IV. METHODS OF INSTRUCTION

- A. Instructor Demonstrations
- B. Field Experience/Internship
- C. Collaborative Group Work
- D. Problem-Solving Sessions
- E. Reading Assignments

V. METHODS OF EVALUATION

- A. Quizzes
- B. Research Projects
- C. Oral Presentation
- D. Homework
- E. Class participation
- F. Practical Evaluations

VI. EXAMPLES OF ASSIGNMENTS

- A. Reading Assignments
 - 1. Review Chapters 1-5, 7-9 in your Neonatal Resuscitation Program Textbook from RT 142 to prepare for your certification class in neonatal resuscitation.
 - 2. Perform an internet research on the neonatal disease research paper topic assigned to you by your clinical instructor.
- B. Writing Assignments
 - 1. Complete a Neonatal Daily Log for each day you are in a scheduled rotation in the neonatal intensive care, providing an accounting of each procedure performed, physician interactions, and a narrative of the days most significant events.
 - 2. Write a neonatal disease research paper, using the guidelines provided, on the subject matter provided by your clinical instructor.
- C. Out-of-Class Assignments
 - 1. Not applicable

VII. RECOMMENDED MATERIALS OF INSTRUCTION

Textbooks:

- A. Oakes D. Neonatal/Pediatric Respiratory Care: A Critical Care Pocket Guide. 6th Edition. Health Educators Publishers, 2009.
- B. Bloom, Ronald S.. Neonatal Resuscitation Textbook. 6th Edition. American Academy of Pediatrics, 2011.
- C. Corning, H., et al.. Mosby's Respiratory Care PDQ. 2nd Edition. Mosby, 2010.

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