

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Neonatal Resuscitation
COURSE NUMBER	RSCR 0294
DIVISION	Health Professions
DEPARTMENT	Respiratory Therapy
CIP CODE	51.0908
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3
PREREQUISITES	None
COURSE PLACEMENT	Must be a student in the Respiratory Therapy or Nursing program or have permission of the instructor.

COURSE DESCRIPTION

This course is an overview of the Neonatal Resuscitation Program, NRP, of the American Academy of Pediatrics and the American Heart Association. Students prepare to provide initial newborn care, and advanced life support to the newborn child.

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Neonatal Resuscitation Foundations
 - A. Physiologic changes that occur during and after birth
 - B. Neonatal Resuscitation Flow Diagram
 - C. Steps to Prepare for a Neonatal Resuscitation
 - D. Teamwork

II. Neonatal Resuscitation Interventions

- A. Positive Pressure Ventilation
- B. Artificial Airways
- C. Suctioning
- D. Chest Compressions
- E. Medications
- F. Post-Resuscitation Care

III. Neonatal Resuscitation Special Considerations

- A. Complicating Conditions
- B. Ethics at the End of Life

COURSE LEARNING OUTCOMES AND COMPETENCIES

Upon successful completion of this course, the student will:

- A. Apply neonatal resuscitation foundations to a resuscitation event.
 - 1. Apply physiologic changes that occur during and after birth to a resuscitation event.
 - 2. Apply the neonatal resuscitation flow diagram to a resuscitation event.
 - 3. Apply the steps to prepare for a resuscitation event.
 - 4. Apply teamwork to a resuscitation event.
- B. Apply neonatal resuscitation interventions to a resuscitation event.
 - 5. Apply positive pressure ventilation to a resuscitation event.
 - 6. Apply artificial airways to a resuscitation event.
 - 7. Apply suctioning to a resuscitation event.
 - 8. Apply chest compressions to a resuscitation event.
 - 9. Apply medications to a resuscitation event.
 - 10. Post-resuscitation care to a resuscitation event.
- C. Apply special considerations to a resuscitation event.
 - 11. Apply interventions for complicating conditions to a resuscitation event.
 - 12. Apply ethics at the end of life to a resuscitation event.

Health profession students and health professionals who successfully complete the course may be eligible to pursue AAP NRP Provider designation.

ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.