

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY

EMS 140 – SPECIAL POPULATIONS LAB (1 CR.)

Course Description

Develops skills related to the assessment and management of patients in a specific population including pediatrics, geriatrics, obstetrics/gynecology (OB/GYN), bariatric, abuse, sexual assault and special needs. Laboratory 2 hour. Total 2 hours per week.

General Course Purpose

The purpose of this course is to teach the student principles of care and management of patients in special populations.

Course Prerequisites/Corequisites

Prerequisite: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS.

Corequisite: EMS 139.

Course Objectives

Upon completing the course, the student will be able to:

- a) Perform a normal delivery with newborn care on a patient in a laboratory setting.
- b) Perform a minimum of two (2) normal deliveries with newborn care in a scenario.
- c) Perform an abnormal delivery with newborn care on a patient in a laboratory setting
- d) Perform a minimum of two (2) abnormal deliveries with newborn care in a scenario.
- e) Perform a neonatal resuscitation in a laboratory setting.
- f) Perform a minimum of two (2) neonatal resuscitations in a scenario.
- g) Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a laboratory setting.
- h) Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a scenario.
- i) Perform a minimum of two (2) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a laboratory setting.
- j) Perform a minimum of four (4) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a scenario.
- k) Perform direct orotracheal intubation on a minimum of ten (10) pediatric patients in the laboratory setting.

Major Topics to be Included

- a) Childbirth
 - a. Normal cephalic delivery
 - b. Abnormal deliveries
 - c. Neonatal resuscitation
- b) Pediatric physical assessment
 - a. Comprehensive exam and care
 - b. Communication issues
 - c. Needle cricothyrotomy
 - d. Translaryngeal ventilation
 - e. Endotracheal intubation
- c) Geriatric physical assessment
 - a. Comprehensive exam and care
 - b. Accommodations in care
 - c. Communication issues