

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: EMS 140 **Courses:** 1

Course Title: Special Populations Lab

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. Prerequisites: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128. Corequisite: EMS 139. Laboratory 2 hours. Total 2 hours per week. 1 credit

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 and Co-requisites:

Prerequisites: Current Virginia EMT and CPR certification as approved by the Virginia Office of EMS. EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128
Corequisite: EMS 139

Student Learning Outcomes:

Upon completion of the course, the student will be able to

- Perform a normal delivery with newborn care on a patient in a laboratory setting;
- Perform a minimum of two (2) normal deliveries with newborn care in a scenario;
- Perform an abnormal delivery with newborn care on a patient in a laboratory setting;
- Perform a minimum of two (2) abnormal deliveries with newborn care in a scenario;
- Perform a neonatal resuscitation in a laboratory setting;
- Perform a minimum of two (2) neonatal resuscitations in a scenario;
- Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a laboratory setting;
- Perform a minimum of two (2) comprehensive normal physical assessments on a pediatric patient in a scenario;
- Perform a minimum of two (2) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a laboratory setting;
- Perform a minimum of four (4) needle cricothyrotomy with percutaneous translaryngeal ventilation procedures in a scenario; and
- Perform direct orotracheal intubation on a minimum of ten (10) pediatric patients in the laboratory setting.

Major Topics to Be Included:

- a. Childbirth
 - Normal cephalic delivery
 - Abnormal deliveries

- Neonatal resuscitation

- b. Pediatric physical assessment
 - Comprehensive exam and care
 - Communication issues
 - Needle cricothyrotomy
 - Translaryngeal ventilation
 - Endotracheal intubation

- c. Geriatric physical assessment
 - Comprehensive exam and care
 - Accommodations in care
 - Communication issues

Effective Date/Updated: September 21, 2018