BASIC CARE OF SPECIAL PATIENT POPULATIONS
Course Syllabus

Course Number: EMTB-A0057
OCAS Code: None
Course Length: 42 Hours
Career Cluster: Health Science
Career Pathway: Therapeutic Service
Career Major(s): Emergency Medical Technician

Pre-requisite(s):
This course provides the student with a fundamental knowledge of specialized assessment management techniques to provide basic emergency care and transportation for the obstetric, pediatric, geriatric and special needs patient. This course has 25 hours classroom and 17 hours lab.

Textbooks:

Emergency Medical Services Children DVD (OSDH)

Course Objectives:

A. Obstetrics 8 hours
EMR Material Plus: Fundamental depth, foundational breadth
1. Anatomy and physiology of normal pregnancy
2. Pathophysiology of complications of pregnancy
3. Assessment of the pregnant patient
4. Management of
   a. Normal delivery
   b. Abnormal delivery
      i. Nuchal cord
      ii. Prolapsed cord
      iii. Breech delivery o Third trimester bleeding
      iv. Placenta previa
      v. Abruptio placenta
   c. Spontaneous abortion/miscarriage
   d. Ectopic pregnancy
   e. Preeclampsia/Eclampsia

B. Neonatal Care
EMR Material Plus: Fundamental depth, foundational breadth Assessment and management
1. Newborn
2. Neonatal resuscitation

C. Pediatrics
EMS-C Supplement EMR Material Plus: Fundamental depth, foundational breadth Age-related assessment findings, age-related, and developmental stage related assessment and treatment modifications for pediatric specific major diseases and/or emergencies •
1. Upper airway obstruction
2. Lower airway reactive disease  •  Respiratory distress/failure/arrest
3. Shock
4. Seizures
5. Sudden Infant Death Syndrome
6. Gastrointestinal disease

D. Geriatrics
EMR Material Plus: Fundamental depth, foundational breadth Changes associated with aging, psychosocial aspects of aging and age-related assessment and treatment modifications for the major or common geriatric diseases and/or emergencies
1. Cardiovascular diseases
2. Respiratory diseases
3. Neurological diseases
4. Endocrine diseases
5. Alzheimer’s  •  Dementia

E. Patients with Special Challenges
EMR Material Plus: Simple depth, simple breadth Healthcare implications of
1. Abuse  •  Neglect
2. Homelessness
3. Poverty
4. Bariatrics
5. Technology dependent
6. Hospice/ terminally ill
7. Tracheostomy care/dysfunction
8. Homecare
9. Sensory deficit/loss
10. Developmental disability

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures:
1. Students are graded on theory and lab practice and performance.
2. Students are only eligible to test for their license with an 80% or better GPA
3. Each course must be passed with seventy (70%) percent or better.
4. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
5. Career Major grades established during coursework are a major criteria in successfully obtaining certification.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.
**Available Certifications/College Credit**

The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

**College Credit Eligibility:**

The student must maintain a grade point average of 3.0 or better.