J. Sargeant Reynolds Community College  
Course Content Summary

Course Prefix and Number: EMS 135  
Credits: 2

Course Title: Emergency Medical Care

Course Description: Prepares the student to assess and manage patients with common medical emergencies. Prerequisites: EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128. Corequisite: EMS 136. Lecture 2 hours per week.

General Course Purpose: The purpose of this course is to introduce the student to a variety of medical-related complaints, including pathophysiology, signs, symptoms, and treatments.

Course Prerequisites and Co-requisites:  
Prerequisites: EMS 121, EMS 123, EMS 125, EMS 126, EMS 127, EMS 128  
Corequisite: EMS 136

Student Learning Outcomes:  
Upon completing the course, the student will be able to  
a. Discuss the epidemiology of medical disorders related to neurology, gastrointestinal, immunology, infectious disease, endocrine, psychiatric, toxicology, and respiratory;  
b. Identify manifestations of medical disorders related to neurology, gastrointestinal, immunology, infectious disease, endocrine, psychiatric, toxicology, and respiratory;  
c. Describe general assessment findings and considerations of medical disorders related to neurology, gastrointestinal, immunology, infectious disease, endocrine, psychiatric, toxicology, and respiratory; and  
d. Formulate an appropriate treatment plan for medical disorders related to neurology, gastrointestinal, immunology, infectious disease, endocrine, psychiatric, toxicology, and respiratory.

Major Topics to Be Included:  
a. Concepts of Medical Complaints Related to Neurology  
   ▪ Introduction and overview of conditions  
   ▪ Epidemiology of related conditions  
   ▪ General assessment findings and considerations  
   ▪ Appropriate treatment for conditions

b. Concepts of Medical Complaints Related to Abdominal and Gastrointestinal Disorders  
   ▪ Introduction and overview of conditions  
   ▪ Epidemiology of related conditions  
   ▪ General assessment findings and considerations  
   ▪ Appropriate treatment for conditions

c. Concepts of Medical Complaints Related to Immunology  
   ▪ Introduction and overview of conditions  
   ▪ Epidemiology of related conditions  
   ▪ General assessment findings and considerations  
   ▪ Appropriate treatment for conditions
d. Concepts of Medical Complaints Related to Infectious Disease
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

e. Concepts of Medical Complaints Related to Endocrine Disorders
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

f. Concepts of Medical Complaints Related to Psychiatric Disorders
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

g. Concepts of Medical Complaints Related to Toxicology
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

h. Concepts of Medical Complaints Related to Respiratory Disorders
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

i. Concepts of Medical Complaints Related to Hematology
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

j. Concepts of Medical Complaints Related to Genitourinary/Renal
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

k. Concepts of Medical Complaints Related to Gynecology
   - Introduction and overview of conditions
   - Epidemiology of related conditions
   - General assessment findings and considerations
   - Appropriate treatment for conditions

l. Concepts of Medical Complaints Related to Non-traumatic Musculoskeletal Disorders
Introduction and overview of conditions
- Epidemiology of related conditions
- General assessment findings and considerations
- Appropriate treatment for conditions

m. Concepts of Medical Complaints Related to Diseases of the Eyes, Ears, Nose, and Throat
- Introduction and overview of conditions
- Epidemiology of related conditions
- General assessment findings and considerations
- Appropriate treatment for conditions

Date Created/Updated (Month, Day, and Year): September 21, 2018