

Inver Hills Community College

EMS 2560: Medical Emergencies II

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:

EMS 2460 - Medical Emergencies I

Corequisites: None

MnTC Goals: None

Explores medical emergencies and their effect on patients in the prehospital environment. This course is a continuation of Medical Emergencies I, and covers topics such as: The immune system, infectious diseases, endocrine emergencies, anaphylaxis, environmental emergencies, the acute abdomen, toxicology and psychiatric emergencies. This course also addresses special topics such as geriatrics, alcohol and drug abuse. Prerequisites: EMS 2460 or permission of instructor

B. COURSE EFFECTIVE DATES: 08/26/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. The immune system, infectious diseases - 15%
2. Endocrine emergencies - 12%
3. Anaphylaxis - 10%
4. The acute abdomen - 9%
5. Environmental emergencies - 12%
6. Altitude, barotrauma and radiation sickness - 10%
7. Toxicology and poisoning - 12%
8. Psychiatric emergencies, drug and alcohol abuse -12%
9. Geriatric emergencies - 8%

D. LEARNING OUTCOMES (General)

1. Describe the immune system and how its components relate/enhance to each other.
2. Explain carbohydrate metabolism and how it relates to the diabetic patient.
3. Discuss the assessment and treatment of metabolic disorders such as insulin shock, diabetic ketoacidosis.
4. Compare and contrast the signs and symptoms associated with anaphylactic shock and emergency treatment.
5. Discuss the significance of abdominal pain, including possible causes, and the proper management.
6. Discuss and describe environmental emergencies, listing proper assessment and management skills for hyperthermia, hypothermia, barotraumas, and altitude sickness.
7. List common infectious diseases and discuss proper methods for care and preventing further infection.
8. Analyze diseases potentially used in bioterrorism along with their symptoms and treatment protocols.
9. Discuss signs and symptoms of toxicological abuse of drugs and alcohol.
10. List interactions of various medications with abused drugs.
11. Prioritize differential diagnoses in the proper care of the aging.
12. Discuss psychiatric emergencies and understand the role of the emergency care provider in such cases.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted