

MASTER COURSE OUTLINE

A. EMER 1210 Emergency Medical Care/ First Responder

B. COURSE DESCRIPTION:

This course fulfills Minnesota Emergency Medical Services Regulatory Board (EMSRB) requirements for First Responder and is recognized by the Police Officers Standards and Training (POST) for the state of Minnesota. Care of the sick and injured prior to Emergency Medical Service (EMS) arrival, cardiopulmonary resuscitation (CPR)/automated external defibrillation (A.E.D.), triage, use of emergency care equipment and Patient Disentanglement are included. Upon successful completion, students may be recognized as a Minnesota First Responder.

(3 Cr- 2 lec, 1 lab)

C. **Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Introduction to EMS system
- Legal and ethical issues
- Well-being of the first-responder
- Human body
- Lifting and moving patients
- Airway
- Patient assessment medical
- Patient assessment/trauma
- CPR/A.E.D.
- Medical emergencies
- Bleeding and soft tissue injuries
- Muscle and bone injuries
- Splinting, long backboard/ kinetic energy defeat device (KEDD)
- Bandaging
- Childbirth
- Infants and children
- Gaining access and simple triage and rapid treatment (START)

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u>	<u>OUTCOMES</u>
** <u>Critical Thinking</u>	Students will be able to gather factual information and apply it to a given problem in a manner that relevant,	The student will successfully 1. demonstrate patient assessment techniques for medical and

	clear, comprehensive, and conscious of possible bias in the information selected.	trauma patients.
<u>CS</u>	recognize and establish need for care.	1. manage victims with practical exercises in patient care.
<u>CS</u>	understand the chain of survival.	1. identify when it is necessary to contact outside agencies to obtain emergency medical care.
<u>CS</u>	recognize the symptoms of a heart attack.	1. identify differences between heart attack and stroke and provide essential care.
<u>CS</u>	recognize cardiac arrest and the need for defibrillation.	1. demonstrate proficiency in cardiac arrest management and defibrillation through practical exercises and written exams.
<u>CS</u>	understand the need for airway adjuncts and oxygenation.	1. demonstrate proficiency in airway management utilizing oxygen, nasal airways, oral airway, King airway, and non-rebreather masks.
<u>CS</u>	understand bandaging and splinting.	1. demonstrate bandaging and splinting with gauze bandages, extremity splints, long backboard and seated spinal immobilization.
<u>CS</u>	understand need for care of pregnant patient.	1. identify ways to assist pregnant patient with immanent child birth.
<u>CS</u>	recognize and assist with basic medication use.	1. identify methods of assisting patient with application of nitroglycerin for heart attack. 2. identify methods of assisting patient with application of oral glucose for diabetic hypoglycemia.
<u>CS</u>	demonstrate proficiencies in extrication	1. identify methods of extricating victims of trauma from motorized vehicles utilizing spinal immobilization techniques.

F. SPECIAL INFORMATION:

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or the Student Success Center at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request.

G. COURSE CODING INFORMATION:

Course Code B/Class Maximum 24; Letter Grade

Revision date: 03/03/11

AASC Approval date: 03/22/11

*Riverland Community College Disciplines	MnTC Goal Number
Communication (CM)	1
Natural Sciences (NS)	3
Mathematics/Logical Reasoning (MA)	4
History and the Social & Behavioral Sciences (SS)	5
Humanities and Fine Arts (HU)	6

**Riverland Community College Core Themes	MnTC Goal Number
Critical Thinking (CT)	2
Human Diversity (HD)	7
Global Perspective (GP)	8
Ethical and Civic Responsibility (EC)	9
People and the Environment (PE)	10

*These five MnTC Goals have been identified as Riverland Community College Disciplines.

** These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.