

# Dakota County Technical College

## EMRG 1500: Emergency Medical Technician

### A. COURSE DESCRIPTION

Credits: 8

Lecture Hours/Week: 7

Lab Hours/Week: 1

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides basic training in emergency medical care. It is designed to teach and develop skills necessary to emergency care of the critically ill or injured. Students will develop skills in the use of and care of all basic emergency equipment. Emphasized in the course: The role of the EMT consists of safety concerns, patient assessment, airway management, trauma and medical emergencies. This course consists of lecture, skills and clinical experiences in a hospital and ambulance setting. This course meets the approval of the Minnesota Emergency Medical Services Regulatory Board (EMSRB). Upon successful completion, the students will be eligible to take the National Registry of EMT's written and practical examinations for National Certification and State Certification as an Emergency Medical Technician.

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

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. control bleeding and manage shock
2. demonstrate an understanding of the role and responsibilities of an EMT
3. demonstrate initial, secondary and ongoing patient assessments
4. demonstrate lifting and moving injured patients
5. demonstrate short and long board use
6. describe lifespan development
7. explain airway control and management
8. explore EMS response to terrorism
9. explore advanced airway management
10. formulate a basic life support level treatment plan for out of hospital patients and manage cardiac arrest
11. identify and use appropriate medical terminology used in the prehospital setting
12. identify basic structures of the human anatomy and describe basic human physiology
13. identify medical conditions and analyze how disease interrupts normal physiological processes
14. learn how to take and compare baseline vitals
15. perform splinting long bones and joints
16. prepare for obstetric and gynecological emergencies
17. recite medications that an EMT may administer and their indications, actions, dosages, contraindications and side effects
18. recognize hazardous materials
19. relate the medical/legal and ethical issues that face the EMT
20. stabilize head and neck injuries

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted