

EMR 080A: EMERGENCY MEDICAL RESPONDER 1A

New Course Proposal

Date Submitted: Tue, 17 Sep 2019 20:56:22 GMT

Formerly known as:

EMT 080A (or if cross-listed - inactivated courses associated with this course)

Originator

Chantae Wilson

Co-Contributor(s)

Name(s)

Becker, Zerryl

Justification / Rationale

Changing EMT designator to EMR to help students distinguish preparation from actual EMT training.

Effective Term

Fall 2020

Credit Status

Credit - Degree Applicable

Subject

EMR - Emergency Medical Responder

Course Number

080A

Full Course Title

Emergency Medical Responder 1A

Short Title

EMR 1A

Discipline

Disciplines List

Emergency Medical Technologies

Modality

Face-to-Face

Catalog Description

This two-course sequence prepares the EMR student to provide emergency pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the pre-hospital setting.

Schedule Description

This two-course Emergency Medical Responder (EMR) sequence prepares the EMR student to provide emergency pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. This course meets Title 22 regulations and National Emergency Medical Services (EMS) Educational Standards.

Lecture Units

1

Lecture Semester Hours

18

Lab Units

0.5

Lab Semester Hours

27

In-class Hours

45

Out-of-class Hours

36

Total Course Units

1.5

Total Semester Hours

81

Required Text and Other Instructional Materials**Resource Type**

Book

Author

Schottke, David, American Academy of Orthopedic Surgeons (AAOS)

Title

Emergency Medical Responder

Edition

6th

Publisher

Jones Bartlett Learning

Year

2018

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

9781284134162

Class Size Maximum

30

Course Content

- a. Introduction to EMS Systems
 - i. The EMS System
 - ii. The Emergency Medical Responder
 - iii. The Role of the Public Health System
 - iv. Disaster Assistance
 - v. The Role of Research in EMS
 - vi. Advances in Technology
- b. Legal and Ethical Principles of Emergency Care
 - i. Legal Duties

- ii. Consent
- iii. Advance Directives
- iv. Negligence
- v. Abandonment
- vi. Confidentiality
- vii. Reportable Events
- viii. Special Situations
- c. Wellness and Safety of the Emergency Medical Responder (EMR)
 - i. Personal Well Being
 - ii. Scene Safety
 - iii. Rescue Operations
 - iv. Crime Scenes and Acts of Violence
 - v. Emotional Aspects of Emergency Medical Care
 - vi. Death and Dying
- d. Introduction to Medical Terminology, Human Anatomy, and Lifespan Development
 - i. Medical Terminology
 - ii. Positional and Directional Terms
 - iii. Overview of the Human Body
 - iv. Body Systems
 - v. Lifespan Development
- e. Principles of Lifting, Moving, and Positioning of Patients
 - i. Principles of Moving Patients
 - ii. Emergency Moves
 - iii. Standard Moves
 - iv. Equipment for Transporting Patients
 - v. Patient Positioning
 - vi. Restraining Patients
- f. Principles of Effective Communication
 - i. What is Communication
 - ii. Types of Communication
 - iii. The Communication Process
 - iv. Transfer of Care
 - v. Radio Communications
- g. Principles of Effective Documentation
 - i. Patient Care Reports
 - ii. Methods of Documentation
- h. Airway Management and Ventilation
 - i. Breathing
 - ii. Respiratory System Anatomy
 - iii. Signs of Normal Breathing
 - iv. Signs of Abnormal Breathing
 - v. Rescue Breathing
 - vi. Opening the Airway
 - vii. Barrier Devices
 - viii. Mouth-to-Mask Ventilation
 - ix. Mouth-to-Shield Ventilation
 - x. Special Patients
 - xi. Air in the Stomach and Vomiting
 - xii. Airway Obstruction
 - xiii. Aids to Airway Management
 - xiv. Bag-Mask Ventilation

- xv. Suction Systems
- i. Oxygen Therapy
 - i. Importance of Oxygen
 - ii. Hazards of Oxygen
 - iii. Oxygen Therapy Equipment
 - iv. Administering Oxygen
- j. Resuscitation and the Use of the Automated External Defibrillator
 - i. The Chain of Survival
 - ii. Circulation and CPR
 - iii. Adult and Child CPR
 - iv. Infant and Neonatal CPR
 - v. Ensuring Effective CPR for All Patients
 - vi. Special CPR Situations
 - vii. Automated External Defibrillation
- k. Obtaining a Medical History and Vital Signs
 - i. Obtaining a Medical History
 - ii. Vital Signs
- l. Principles of Patient Assessment
 - i. Patient Assessment
 - ii. Scene Size-up
 - iii. Primary Assessment
 - iv. Secondary Assessment
 - v. Reassessment
- m. Caring for Cardiac Emergencies
 - i. Normal Heart Function
 - ii. Cardiac Compromise
 - iii. Emergency Care for Cardiac Compromise
- n. Caring for Respiratory Emergencies
 - i. Overview of Respiratory Anatomy
 - ii. Respiratory Compromise
- o. Caring for Common Medical Emergencies
 - i. Medical Emergencies

Lab Content

- A. Demonstrate Principles of Lifting, Moving, and Positioning of Patients
 - i. Principles of Moving Patients
 - ii. Emergency Moves
 - iii. Standard Moves
 - iv. Equipment for Transporting Patients
 - v. Patient Positioning
 - vi. Restraining Patients
- B. Demonstrate Principles of Effective Documentation
 - i. Patient Care Reports
 - ii. Methods of Documentation
- C. Demonstrate Airway Management and Ventilation
 - i. Breathing
 - ii. Respiratory System Anatomy
 - iii. Signs of Normal Breathing
 - iv. Signs of Abnormal Breathing
 - v. Rescue Breathing
 - vi. Opening the Airway

- vii. Barrier Devices
- viii. Mouth-to-Mask Ventilation
- ix. Mouth-to-Shield Ventilation
- x. Special Patients
- xi. Air in the Stomach and Vomiting
- xii. Airway Obstruction
- xiii. Aids to Airway Management
- xiv. Bag-Mask Ventilation
- D. Demonstrate Obtaining a Medical History and Vital Signs
 - i. Obtaining a Medical History
 - ii. Vital Signs
- E. Demonstrate Principles of Patient Assessment
 - i. Patient Assessment
 - ii. Scene Size-up
 - iii. Primary Assessment
 - iv. Secondary Assessment
 - v. Reassessment

Course Objectives

	Objectives
Objective 1	Describe the roles of EMS providers in the health care system.
Objective 2	Demonstrate the professional attributes expected of EMRs.
Objective 3	Perform the roles and responsibilities of an EMR with regard to personal safety and wellness, as well as the safety of others.
Objective 4	Perform the duties of an EMR with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
Objective 5	Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
Objective 6	Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
Objective 7	Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
Objective 8	Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Asses and identify the situational safety and nature of a patient's condition.
Outcome 2	Communicate a patient's condition and initiate intervention.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Activity	In-class instructor- lead modeled practical skills followed by an instructor- lead analysis
Role Playing	Group projects in class where students are team members and team leaders who communicate a patient's condition and initiate interventions
Participation	Discussion groups lead by an instructor where students analyze and interpret case studies for students
Lecture	The reading of emergency medical texts in a class by the instructor and students, followed by instructor-guided interpretation

Demonstration, Repetition/Practice

In-class demonstrations where students, as a team leader or a member of a team, demonstrating communication, assessment skills, and medical interventions, followed by an instructor-lead analysis

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Written homework	Students will be able to explain, interpret and classify human anatomy, body systems, and disease processes through reading and case studies. Students will read approximately 2-4 chapters per week.	In and Out of Class
Oral and practical examination	Students will be able to recall information orally and through the execution of skills and will be evaluated on content, form, terminology and knowledge of the subject matter.	In Class Only
Student participation/contribution	Evaluation of participation and contributions during class discussions for content, form and methodology.	In Class Only
Tests/Quizzes/Examinations	Evaluation of content, terminology, knowledge of subject matter and the ability to identify and interpret medical signs and symptoms. Students will take approximately 10 chapter quizzes and a final at the completion of the course.	In Class Only
Presentations/student demonstration observations	Evaluation of the ability to interpret medical signs and symptoms, and identify life threatening issues.	In Class Only

Assignments

Other In-class Assignments

- a. Skills Lab
- b. Class presentation

Other Out-of-class Assignments

- a. Textbook and supplemental readings, approximately 2-4 chapters per week.
- b. Analytical problem-solving based on information presented during each chapter.
- c. Complete chapter review questions at the end of each chapter, approximately 2-4 per week.

Grade Methods

Letter Grade Only

MIS Course Data

CIP Code

51.0904 - Emergency Medical Technology/Technician (EMT Paramedic).

TOP Code

125000 - Emergency Medical Services

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

11/05/2019

Academic Senate Approval Date

11/14/2019

Board of Trustees Approval Date

12/19/2019

Course Control Number

CCC000604005

Programs referencing this course

Public Safety Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined?key=256/>)

Emergency Medical Services Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined?key=134/>)