

EMT M04: EMERGENCY MEDICAL TECHNICIAN-REFRESHER

Originator

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Co-Contributor(s)
Name(s)

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College

Moorpark College

Discipline (CB01A)

EMT - Emergency Medical Technology

Course Number (CB01B)

M04

Course Title (CB02)

Emergency Medical Technician-Refresher

Banner/Short Title

EMT-Refresher

Credit Type

Credit

Start Term

Summer 2022

Formerly

EMT M02 - EMT Refresher

Catalog Course Description

Updates the skills and knowledge of the emergency medical technician to meet State/National Registry of Emergency Medical Technicians (NREMT) requirements for recertification. Reviews life support assessment, emergency interventions and the use of emergency equipment and supplies.

Course Credit Limitation: Can be used only once toward AA/AS Degree.

Additional Catalog Notes

Students may repeat this course if legally mandated.

Taxonomy of Programs (TOP) Code (CB03)

1250.00 - *Emergency Medical Services

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

B (Transferable to CSU only)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

2 - Not Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

(P) Pass/No Pass Grading

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

24

Maximum Contact/In-Class Laboratory Hours

26.25

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

24

Total Maximum Contact/In-Class Hours

26.25

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

0

Maximum Outside-of-Class Hours

0

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

24

Total Maximum Student Learning Hours

26.25

Minimum Units (CB07)

.5

Maximum Units (CB06)

.5

Limitations on Enrollment

Others (specify)

Other Limitations on Enrollment

Must hold a current EMT (Emergency Medical Technician) certification and a current BLS (Basic Life Support) course completion card for the duration of the course. Healthcare provider = BLS course completion.

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- 1 demonstrate skills for addressing a variety of simulated medical and trauma emergencies
- 2 develop and discuss a plan for appropriate prehospital care based on patient needs and scene circumstances.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- 1 explain the basic roles and responsibilities of the emergency medical technician.
- 2 recall and demonstrate a basic assessment of the emergency patient.
- 3 identify and perform, through simulations, emergency treatment for a patient in both pre-hospital and emergency room settings.
- 4 evaluate the effectiveness of emergency treatment interventions.
- 5 report and document assessments and interventions.

- 6 discuss the medical-legal and ethical issues as related to scope of practice, patient consent/refusal, and critical decision-making.

Course Content

Lecture/Course Content

N/A

Laboratory or Activity Content

5.00% - Emergency Medical Services (EMS) policies, pharmacology review including inhalation - bronchodilators, oral glucose, sublingual tablet, epinephrine, naloxone, and activated charcoal

20.00% - Assessment skills during medical, trauma, and tactical care emergencies

5.00% - Quality improvement and medical-legal issues

10.00% - Review of basic life support skills; cardiopulmonary resuscitation (CPR) and automatic external defibrillator (AED) recertification

40.00% - Trauma review with appropriate interventions including traumatic injuries, skills (spinal immobilization, helmet removal, traction splint). Includes care during tactical emergency situations

15.00% - Obstetric/gynecologic review with childbirth skills; obstetric and pediatric emergencies

5.00% - Competency-based skills lab

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Skills demonstrations

Classroom Discussion

Participation

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Distance Education

Other (specify)

Specify other method of instruction

Practice skills using EMS medical equipment, manikins and student volunteers.

Describe specific examples of the methods the instructor will use:

Audio-visual presentations using PPT and videos

Distance Education with case studies

Guest speakers

Instructor-guided use of technology

Lecture

Representative Course Assignments

Writing Assignments

complete patient care documentation and medical reports regarding prehospital emergencies

organize prehospital patient assessment information using medical terminology and abbreviations

construct patient charts using cardiac rhythm strips, patient diagnostic results, and patient outcomes to emergency interventions

Critical Thinking Assignments

perform skills demonstrations for a variety of simulated medical and trauma emergencies and completing the written patient report.

analyze a clinical case presentation of emergencies and completing the general assessment and appropriate interventions.

design a case scenario regarding a pediatric emergency for other students to perform as part of their skills demonstration.

Reading Assignments

review the current medical evidence regarding the American Heart Association guidelines for Cardiac Arrest Management
 identify evidence in medical literature in support of rapid trauma treatment and transport of prehospital patients related to thoracic injuries
 evaluate risks for pediatric patients related to emergency respiratory conditions and airway management

Skills Demonstrations

Trauma Assessment and treatment
 Medical Assessment and treatment
 Bag-Valve-Mask Ventilation of the Apenic Patient
 Oxygen Administration
 Cardiac Arrest Management w/ AED
 Hemorrhage Control & Shock Management
 Spinal Motion Restriction- Supine & Seated Patients
 Penetrating Chest Injury
 Epinephrine & Naloxone Administration
 Childbirth & Neonatal Resuscitation

Other assignments (if applicable)

Completion of EMT renewal application documentation (NREMT, CA EMSA, Local)

Outside Assignments

Articulation

Comparable Courses within the VCCCD

EMT R069 - Emergency Medical Technician - Refresher
 EMT V10 - EMT Recertification

Equivalent Courses at other CCCs

| College | Course ID | Course Title | Units |
|-----------------|-----------|--|-------|
| Barstow College | AHLT 62A | EMT Basic Refresher-EMSA Certification | 2 |

District General Education

- A. Natural Sciences**
- B. Social and Behavioral Sciences**
- C. Humanities**
- D. Language and Rationality**
- E. Health and Physical Education/Kinesiology**
- F. Ethnic Studies/Gender Studies**

Course is CSU transferable

Yes

CSU Baccalaureate List effective term:

F2017

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Description

American Academy of Orthopaedic Surgeons. *Refresher: Emergency Care and Transportation of the Sick and Injured*. 2nd ed., Jones and Bartlett, 2006.

Resource Type

Textbook

Description

Mistovich, Joseph J. and Keith J. Karren. *Prehospital Emergency Care*. 11th ed., Pearson, 2017.

Resource Type

Textbook

Description

Limmer, Daniel and Joseph J. Mistovich. *Transition Series: Topics for the EMT*. Pearson, 2011.

Resource Type

Textbook

Description

Limmer, Daniel and Michael F. O'Keefe. *Emergency Care*. 14th ed., Pearson, 2021.

Library Resources

Assignments requiring library resources

Research using the library's print and online resources.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Research on topics, such as the various abnormal obstetrical deliveries and the corresponding appropriate interventions, using the library's print and online resources.

Distance Education Addendum

Definitions

Distance Education Modalities

Hybrid (1%–50% online)

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

| Method of Instruction | Document typical activities or assignments for each method of instruction |
|------------------------------------|---|
| Other DE (e.g., recorded lectures) | Recorded online lectures, PowerPoint review, online live chat and lectures, and online case studies |

Examinations

Hybrid (1%–50% online) Modality

On campus

Primary Minimum Qualification

EMERGENCY MEDICAL TECHNOLOGIES

Review and Approval Dates

Department Chair

01/31/2022

Dean

01/31/2022

Technical Review

02/03/2022

Curriculum Committee

02/15/2022

DTRW-I

03/10/2022

Curriculum Committee

MM/DD/YYYY

Board

04/12/2022

CCCCO

MM/DD/YYYY

DOE/accreditation approval date

MM/DD/YYYY