

I. CATALOG INFORMATION

- A. Discipline: EMERGENCY MEDICAL TECHNICIAN
- B. Subject Code and Number: EMT M01L
- C. Course Title: Emergency Medical Technician-Laboratory

- D. Credit Course units:
 Units: 2
 Lecture Hours per week: 0
 Lab Hours per week : 6
 Variable Units : No

- E. Student Learning Hours:
 Lecture Hours:
 Classroom hours: 0 - 0
 Laboratory/Activity Hours:
 Laboratory/Activity Hours 105 - 105

Total Combined Hours in a 17.5 week term: 105 - 105

- F. Non-Credit Course hours per week _____

- G. May be taken a total of: 1 2 3 4 time(s) for credit

- H. Is the course co-designated (same as) another course: No Yes
 If YES, designate course Subject Code & Number: _____

- I. Course Description:

Prepares the student to render pre-hospital basic life support at the scene of an emergency, during transport of the sick, injured or during inter-facility transfer. Applies the theory of patient assessment and emergency care presented in skills lab setting in a mock casualty emergency situation. Provides skills training and clinical experience in an emergency room and/or on an emergency vehicle.

- J. Entrance Skills

*Prerequisite: No Yes Course(s)
Current American Heart Association Basic Life Support Provider (BLS Provider) CPR card.

*Corequisite: No Yes Course(s)
EMT M01

Limitation on Enrollment: No Yes

Recommended Preparation: No Yes Course(s)

Other: No Yes

K. Other Catalog Information:

Successful completion of this course and EMT M01 will prepare the student to take the National Registry of EMT (NREMT) Basic Exam (providing all other requirements are met). Students are required to bring a current American Heart Association Basic Life Support Provider (BLS Provider) CPR card to the first day of class to remain enrolled in the class. Due to clinical facility requirements, students must be 18 years old by the first day of class. Evidence of current health insurance and clearance of health appraisal, background check, and drug screening is required prior to clinical rotations and for continued enrollment in the course. Formerly HS M24L.

II. COURSE OBJECTIVES

Upon successful completion of the course, a student will be able to:

		Methods of evaluation will be consistent with, but not limited by, the following types or examples.
1	demonstrate competent pre-hospital care within the scope of practice of an Emergency Medical Technician (EMT) at the scene of an emergency, during transport of the patient, and during an inter-facility transfer.	Skills demonstration
2	identify accurately all pertinent patient data in the pre-hospital setting to determine patient's chief complaint.	Skills demonstration Reports
3	perform a complete and thorough patient assessment using appropriate medical terminology.	Skills demonstration
4	formulate a plan for appropriate pre-hospital care based on patient needs and scene circumstances.	Reports
5	prioritize and organize the delivery of pre-hospital care based on patient needs and scene circumstances.	Skills demonstration
6	evaluate effectiveness of pre-hospital interventions based on patient response to treatment.	Skills demonstration. Reports
7	modify pre-hospital care as indicated by ongoing, continuous evaluation of patient condition.	Skills demonstration
8	perform required skills properly and in accordance with accepted standard of care.	Skills demonstration

III. COURSE CONTENT

Estimated %	Topic	Learning Outcomes
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Lecture (must total 100%)		
Lab (must total 100%)		
14.00%	Airway Management: bag-valve-mask ventilation, nasopharyngeal airway, oxygen administration devices, pocket mask, suction, and airway management	1, 2, 3, 4, 5, 6, 7, 8
15.00%	Patient Assessment: including vital signs, blood glucose, body systems, and patient status	1, 2, 3, 4, 5, 6, 7, 8
18.00%	Trauma: bandaging, splinting, open fracture, bleeding control, helmet removal, impaled object, stabilization, spinal immobilization and traction/splint	1, 2, 3, 4, 5, 6, 7, 8
10.00%	Medication Administration: includes inhalation–bronchodilators, oral glucose, sublingual tablet, epinephrine auto injector, naloxone nasal spray, and activated charcoal	1, 2, 3, 4, 5, 6, 7, 8
3.00%	Obstetrical Emergencies: emergency childbirth	1, 2, 3, 4, 5, 6, 7, 8
16.00%	Multi-casualty emergencies	1, 2, 3, 4, 5, 6, 7, 8
6.00%	Extrication and entanglement	1, 2, 3, 4, 5, 6, 7, 8
12.00%	Patient Care During Transport: ambulance report writing, bed to gurney, floor to gurney and shock position	1, 2, 3, 4, 5, 6, 7, 8
6.00%	Tactical emergency casualty care	1, 4, 5, 6, 7

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	formulate a pre-hospital care plan using appropriate medical terminology.
2	document patient assessments and interventions.
3	write a procedure for proper airway management.

B. Appropriate outside assignments

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:	
1	participate in patient care setting under the supervision of an EMT/Paramedic/Registered Nurse in the emergency department at a local contracted hospital.
2	participate in a mock casualty drill.
3	participate in patient care setting under the supervision of an EMT/Paramedic with a locally contracted ambulance provider.

C. Critical thinking assignments

Critical thinking assignments are required. Possible assignments may include, but are not limited to:	
1	analyze assessment data on multi-trauma patients.

2	critique a patient care report.
3	compare and contrast the evidence in support of field resuscitation.

V. METHODS OF INSTRUCTION

Methods of instruction may include, but are not limited to:

- Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)
- Lecture/Discussion
- Laboratory/Activity
- Other (Specify) Demonstrate emergency medical skills while working as a team
- Optional Field Trips
- Required Field Trips

VI. METHODS OF EVALUATION

Methods of evaluation may include, but are not limited to:

- Essay Exam
- Classroom Discussion
- Skill Demonstration
- Problem Solving Exam
- Reports/Papers/Journals
- Participation
- Objective Exams
- Projects
- Other (specify)

Students will be tested on their skills and performance in a hospital emergency room (ER) and/or ambulance.

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS

Elling, Bob. Workbook for Emergency Care. 13th ed. Pearson, 2015.

Limmer, Daniel, and Michael O’Keefe. Emergency Care. 13th ed. Pearson, 2016.

American Academy of Orthopaedic Surgeons. Emergency Care and Transportation of the Sick and Injured. 11th ed. Jones and Bartlett, 2016.

VIII. STUDENT MATERIALS FEES

- No
- Yes

IX. PARALLEL COURSES

College	Course Number	Course Title	Units
Oxnard College	EMT R169	Emergency Medical Technician-Basic	8.0
Ventura College	EMT V01	Emergency Medical Technician-Basic	8.5
El Camino College	F TEC 144	Emergency Medical Technician	6
CSU Long Beach	HHS 288	Emergency Medical Technician	6

X. MINIMUM QUALIFICATIONS

Courses in Disciplines in which Masters Degrees are not expected:

Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

XI. ARTICULATION INFORMATION

A. Title V Course Classification:

1. This course is designed to be taken either:

- Pass/No Pass only (no letter grade possible); or
- Letter grade (P/NP possible at student option)

2. Degree status:

Either Associate Degree Applicable; or Non-associate Degree Applicable

B. Moorpark College General Education:

1. Do you recommend this course for inclusion on the Associate Degree General Education list?

Yes: No: If YES, what section(s)?

- A1 - Natural Sciences - Biological Science
- A2 - Natural Sciences - Physical Science
- B1 - Social and Behavioral Sciences - American History/Institutions
- B2 - Social and Behavioral Sciences - Other Social Behavioral Science
- C1 - Humanities - Fine or Performing Arts
- C2 - Humanities - Other Humanities
- D1 - Language and Rationality - English Composition
- D2 - Language and Rationality - Communication and Analytical Thinking
- E1 - Health/Physical Education
- E2 - PE or Dance
- F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes: No:

2. If YES do you recommend this course for inclusion on the CSU General Education list?

Yes: No: If YES, which area(s)?

- | | | | | | | | | | | | | | |
|----|--------------------------|----|--------------------------|----|--------------------------|----|--------------------------|----|--------------------------|-----|--------------------------|----|--------------------------|
| A1 | <input type="checkbox"/> | A2 | <input type="checkbox"/> | A3 | <input type="checkbox"/> | B1 | <input type="checkbox"/> | B2 | <input type="checkbox"/> | B3 | <input type="checkbox"/> | B4 | <input type="checkbox"/> |
| C1 | <input type="checkbox"/> | C2 | <input type="checkbox"/> | D1 | <input type="checkbox"/> | D2 | <input type="checkbox"/> | D3 | <input type="checkbox"/> | D4 | <input type="checkbox"/> | D5 | <input type="checkbox"/> |
| | <input type="checkbox"/> | D6 | <input type="checkbox"/> | D7 | <input type="checkbox"/> | D8 | <input type="checkbox"/> | D9 | <input type="checkbox"/> | D10 | <input type="checkbox"/> | E | <input type="checkbox"/> |

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes: No:

2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes: No:

IGETC Area 1: English Communication

- English Composition
 Critical Thinking-English Composition
 Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

- Mathematical Concepts

IGETC Area 3: Arts and Humanities

- Arts
 Humanities

IGETC Area 4: Social and Behavioral Sciences

- Anthropology and Archaeology
 Economics
 Ethnic Studies
 Gender Studies
 Geography
 History
 Interdisciplinary, Social & Behavioral Sciences
 Political Science, Government & Legal Institutions
 Psychology
 Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- Physical Science Lab or Physical Science Lab only (non-sequence)
 Physical Science Lecture only (non-sequence)
 Biological Science
 Physical Science Courses
 Physical Science Lab or Biological Science Lab Only (non-sequence)
 Biological Science Courses
 Biological Science Lab course
 First Science course in a Special sequence
 Second Science course in a Special Sequence
 Laboratory Activity
 Physical Sciences

IGETC Area 6: Language other than English

- Languages other than English (UC Requirement Only)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)

XII. REVIEW OF LIBRARY RESOURCES

- A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:

Conducting library research in text or digital resources, particularly using the specialized medical/nursing databases, for assignments; for example, writing a procedure for proper airway management.

- B. Are the currently held library resources sufficient to support the course assignment?

YES: NO:

If NO, please list additional library resources needed to support this course.

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

Requisite Justification for EMT M01

- A. Sequential course within a discipline.
- B. Standard Prerequisite or Corequisite required by universities.
- C. Corequisite is linked to companion lecture course.
- D. Prerequisite or Corequisite is authorized by legal statute or regulation.
Code Section: _____
- E. Prerequisite or Corequisite is necessary to protect the students' health and safety.
- F. Computation or communication skill is needed.
- G. Performance courses: Audition, portfolio, tryouts, etc. needed.

Requisite Justification for Current American Heart Association Basic Life Support Provider (BLS Provider) CPR card.

- A. Sequential course within a discipline.
- B. Standard Prerequisite or Corequisite required by universities.
- C. Corequisite is linked to companion lecture course.

- D. Prerequisite or Corequisite is authorized by legal statute or regulation.
Code Section: CCR Title 22, Div. 9, Ch. 2, 100066(2).
- E. Prerequisite or Corequisite is necessary to protect the students' health and safety.
- F. Computation or communication skill is needed.
- G. Performance courses: Audition, portfolio, tryouts, etc. needed.

XIV. WORKPLACE PREPARATION

Required for career technical courses only. A career technical course/program is one with the primary goal to prepare students for employment immediately upon course/program completion, and/or upgrading employment skills.

Detail how the course meets the Secretary of Labors Commission on the Achievement of Necessary Skills (SCANS) areas. (For a description of the competencies and skills with a listing of what students should be able to do, go to:

<http://www.ncrel.org/sdrs/areas/issues/methods/assment/as7scans.htm>)

The course will address the SCANS competency areas:

1. Resources: the students will allocate appropriate time and access resources such as faculty, textbook, technical skills lab, acute care settings, and peer college students to optimize skills proficiency.
2. Interpersonal: the students will be involved in the exchange of information while providing a complete patient assessment to the healthcare client.
3. Information: the students will demonstrate the ability to acquire information by performing basic emergency medical technician assessments and procedures and reporting care to the team.
4. Systems: the students will demonstrate understanding of the emergency medical services system, including pre-hospital and hospital care.
5. Technology: the students will utilize the Internet and textbook to supplement learning of technical skills as well as current emergency medical equipment to perform skills.

The course also addresses the SCANS skills and personal qualities:

1. Basic Skills: the students will perform, document, and communicate basic emergency medical technician assessments and treatment procedures.
2. Thinking Skills: the students will demonstrate critical thinking skills by performing emergency medical technician skills in the client-care setting and discuss assessment findings during acute illness and injury treatments.
3. Personal Qualities: the students will perform and maintain the roles and responsibilities of a professional healthcare provider and demonstrate self-

management, caring, and integrity.

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

EMT M01L: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

EMT M01L: Not Applicable

XVII. STUDENT MATERIALS FEE ADDENDUM

Fee Amount: Varies based on market value.

This fee is needed to Is an EMT Pack with equipment and supplies for learning EMT skills and practicing them at home and after the course concludes.

The answers to all five of the following questions must be Yes for a materials fee to be required of students.

Yes

No

Are the materials required in this course?

Are the materials tangible personal property?

Are the materials owned or controlled by the student?

If the material is solely available from the district (e.g., packet of hand-outs), does the students cost equal only the districts actual cost?

Does the material have continuing value outside the classroom?

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041

EMT M01L: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:

Discipline: EMERGENCY MEDICAL TECHNICIAN

Discipline Code and Number: EMT M01L

Course Revision Category: Outline Update

Course Proposed By:

Originating Faculty Christina Lee 06/28/2018

Faculty Peer: Christina Lee 06/28/2018

Curriculum Rep: Olga Myshina 08/09/2018

Department Chair: Christina Lee 09/07/2018

Division Dean: Carol Higashida 08/28/2018

Approved By:

Curriculum Chair: Jerry Mansfield 09/26/2018

Executive Vice President: _____

Articulation Officer: Letrisha Mai 09/20/2018

Librarian: Mary LaBarge 09/15/2018

Implementation Term and Year: Spring 2019

Approval Dates:

Approved by Moorpark College Curriculum Committee: 10/02/2018

Approved by Board of Trustees (if applicable): _____

Approved by State (if applicable): 10/08/2018