I. CATALOG INFORMATION
   A. Discipline: **EMERGENCY MEDICAL TECHNICIAN**
   B. Subject Code and Number: **EMT M04**
   C. Course Title: **Emergency Medical Technician-Refresher**
   D. Credit Course units:
      Units: 2
      Lecture Hours per week: 2
      Lab Hours per week: 0
      Variable Units: No
   E. Student Learning Hours:
      Lecture Hours:
      Classroom hours: 35 - 35
      Laboratory/Activity Hours:
      Laboratory/Activity Hours 0 - 0
      **Total Combined Hours** in a 17.5 week term: 35 - 35
   F. Non-Credit Course hours per week
   G. May be taken a total of:  
      X 1 2 3 4 time(s) for credit
   H. Is the course co-designated (same as) another course:  
      No X Yes
      If YES, designate course Subject Code & Number: 
   I. 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.
   J. Entrance Skills
      *Prerequisite:  
      No [ ] Yes X Course(s)
      Current EMT Certification issued in California or expired no more than 24 months from effective date
      *Corequisite:  
      No X Yes [ ] Course(s)
      Limitation on Enrollment:  
      No X Yes [ ]
      Recommended Preparation:  
      No X Yes [ ] Course(s)
      Other:  
      No X Yes [ ]
### K. Other Catalog Information:
EMT-1 (Basic) Certification or expired EMT-1 (Basic) Certification – not more than 24 months from expiration date and from a U.S. state. Can be used only once toward AA/AS Degree. (Formerly HS M24R).

**NOTE:** Students may repeat this course if legally mandated.

### II. COURSE OBJECTIVES

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

<table>
<thead>
<tr>
<th></th>
<th>Methods of evaluation will be consistent with, but not limited by, the following types or examples.</th>
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<tbody>
<tr>
<td>1</td>
<td>explain the basic roles and responsibilities of the emergency medical technician.</td>
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<td></td>
<td>Essay exams</td>
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<td></td>
<td>Classroom discussions</td>
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<tr>
<td></td>
<td>Participation</td>
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<td></td>
<td>Objective exams</td>
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<td>2</td>
<td>recall and demonstrate a basic assessment of the emergency patient.</td>
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<td></td>
<td>Classroom discussions</td>
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<td></td>
<td>Objective exams</td>
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<td></td>
<td>Skills demonstrations</td>
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<td></td>
<td>Problem solving exams</td>
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<tr>
<td></td>
<td>Reports/papers/journals</td>
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<td></td>
<td>Participation</td>
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<tr>
<td>3</td>
<td>identify and perform, through simulations, emergency treatment for a patient in both pre-hospital and emergency room settings.</td>
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<tr>
<td></td>
<td>Classroom discussions</td>
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<td></td>
<td>Skills demonstrations</td>
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<td>Problem solving exams</td>
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<td></td>
<td>Reports/papers/journals</td>
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<td>Participation</td>
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<td>Projects</td>
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<td>4</td>
<td>evaluate the effectiveness of emergency treatment interventions.</td>
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<td></td>
<td>Essays</td>
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<td></td>
<td>Classroom discussions</td>
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<td>Problem solving exams</td>
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<td></td>
<td>Reports/papers/journals</td>
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<td>Participation</td>
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<td></td>
<td>Projects</td>
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<td>5</td>
<td>report and document assessments and interventions.</td>
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<td></td>
<td>Reports/papers/journals</td>
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<tr>
<td></td>
<td>Projects</td>
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<tr>
<td>6</td>
<td>discuss the medical legal and ethical issues as related to scope of practice, patient consent/refusal, and critical decision-making.</td>
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<td></td>
<td>Essay exams</td>
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<td>Problem solving exams</td>
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<td>Participation</td>
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<td></td>
<td>Objective exams</td>
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<td></td>
<td>Projects</td>
</tr>
</tbody>
</table>
III. COURSE CONTENT

<table>
<thead>
<tr>
<th>Estimated %</th>
<th>Topic</th>
<th>Learning Outcomes</th>
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</thead>
<tbody>
<tr>
<td>5.00%</td>
<td>Emergency Medical Services (EMS) policies, pharmacology review</td>
<td>1, 2, 3, 4, 5, 6</td>
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<tr>
<td></td>
<td>including inhalation - bronchodilators, oral glucose, sublingual</td>
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<td></td>
<td>tablet, epinephrine, naloxone, and activated charcoal</td>
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<tr>
<td>20.00%</td>
<td>Assessment skills during medical, trauma, and tactical care</td>
<td>1, 2, 3, 4, 5, 6</td>
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<td>10.00%</td>
<td>Review of basic life support principles and skills; cardiopulmonary</td>
<td>2, 3, 4, 5, 6</td>
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<td></td>
<td>resuscitation (CPR) and automatic external defibrillator (AED)</td>
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<td></td>
<td>recertification</td>
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<td>40.00%</td>
<td>Trauma review with appropriate interventions including traumatic</td>
<td>1, 2, 3, 4, 5, 6</td>
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<td>injuries, skills (spinal immobilization, helmet removal, traction</td>
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<td>splint). Includes care during tactical emergency situations</td>
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<tr>
<td>15.00%</td>
<td>Obstetric/gynecologic review with childbirth skills; obstetric and</td>
<td>1, 2, 3, 4, 5, 6</td>
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<tr>
<td></td>
<td>pediatric emergencies</td>
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</tr>
<tr>
<td>5.00%</td>
<td>Competency-based written and skills lab</td>
<td>1, 2, 3, 4, 5, 6</td>
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<tr>
<td>5.00%</td>
<td>Quality improvement and medical legal issues</td>
<td>1, 6</td>
</tr>
</tbody>
</table>

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

   Writing assignments are required. Possible assignments may include, but are not limited to:
   1. writing an essay about a professional personal experience with patient’s refusal of care, include the regulations on how to address this situation.
   2. writing an algorithm on the steps in the emergency medical care of a patient with suspected poisoning.
   3. writing a paper on the general principles of an individual’s behavior which suggests that he/she is at risk for violence and include methods to calm behavioral emergency patients.

B. Appropriate outside assignments

   Appropriate outside assignments are required. Possible assignments may include, but are not limited to:
   1. reading assignments from professional journal articles related to emergency medical services.
   2. conducting research on the comprehensive critical incident stress management program.
   3. writing a paper on the various abnormal deliveries and the corresponding appropriate interventions.

C. Critical thinking assignments

   Critical thinking assignments are required. Possible assignments may include, but are not limited to:
   1. performing skills demonstrations for a variety of simulated medical and trauma
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)
  Practice skills using manikins and student volunteers.
- Optional Field Trips
- Required Field Trips

VI. METHODS OF EVALUATION

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

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

Skills Evaluation.

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS


VIII. STUDENT MATERIALS FEES

- No
- Yes
IX. PARALLEL COURSES

<table>
<thead>
<tr>
<th>College</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventura College</td>
<td>EMT V10</td>
<td>Emergency Medical Technician Recertification</td>
<td>2.0</td>
</tr>
<tr>
<td>Oxnard College</td>
<td>EMT R069</td>
<td>Emergency Medical Technician - Refresher</td>
<td>1.5</td>
</tr>
<tr>
<td>Barstow College</td>
<td>AHLT 62A</td>
<td>EMT Basic Refresher-EMSA Certification</td>
<td>2</td>
</tr>
</tbody>
</table>

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 [X] 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: [X] 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: [X] No:
   2. If YES do you recommend this course for inclusion on the CSU General Education list?
      Yes: [ ] No: [X] If YES, which area(s)?
      - A1 [ ] A2 [ ] A3 [ ] B1 [ ] B2 [ ] B3 [ ] B4 [ ]
      - C1 [ ] C2 [ ] D1 [ ] D2 [ ] D3 [ ] D4 [ ] D5 [ ]
D. University of California (UC) Articulation:

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

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

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
XII. REVIEW OF LIBRARY RESOURCES
A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:
Research reports on topics, such as the various abnormal obstetrical deliveries and the corresponding appropriate interventions, using the Library's print and online resources.

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 Current EMT Certification issued in California or expired no more than 24 months from effective date

☐ 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.

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/assessment/as7scans.htm)

The course will address the SCANS competency areas:

1. Resources: the students will identify weekly learning objectives, devise a plan to allocate adequate study time to learn the weekly objectives, learn to organize the steps involved in emergency medical services assessments and interventions, meet assignment deadlines, and be prepared to participate in class discussions and skills performance.

2. Interpersonal: the students will work in collaboration with other students on projects and case scenario presentations to strengthen their own skills and the skills of classmates and to develop clinical proficiency, and experience the importance of collaboration and being a member of the healthcare team.

3. Information: the students will use computers and a variety of informational resources to review skills which prepares them to assess, organize, analyze, evaluate, and communicate information, including documenting and creating an action plan for care.

4. Systems: the students will explain and navigate the emergency medical services system which includes the pre-hospital and inpatient care settings while following specific protocols for safe patient care.

5. Technology: the students will work with a variety of technologies within the emergency medical services setting, including electronic health records, computers, and equipment to assess and provide care to patients.

The course also addresses the SCANS skills and personal qualities:

1. Basic Skills: the students will read professional journals and manuals related to emergency medical services assessments, skills, equipment, and regulations.

2. Thinking Skills: the students will demonstrate critical thinking skills by utilizing the knowledge in the areas of human anatomy, physiology, and communication in assessing patients and making a decision for a plan of action.

3. Personal Qualities: the students will demonstrate accountability and responsibility by completing assignments in a timely manner, showing respect to peers and faculty; and conducting themselves in a professional and ethical manner when interacting with patients, professionals and other member of the community.

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

EMT M04: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

EMT M04: Not Applicable

XVII. STUDENT MATERIALS FEE ADDENDUM
EMT M04: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041
EMT M04: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:
- Discipline: EMERGENCY MEDICAL TECHNICIAN
- Discipline Code and Number: EMT M04
- Course Revision Category: Outline Update

Course Proposed By:
- Originating Faculty: Christina Lee 10/23/2017
- Faculty Peer: Christina Lee 10/31/2017
- Curriculum Rep: Olga Myshina 10/24/2017
- Department Chair: _________
- Division Dean: Norman Marten 11/16/2017

Approved By:
- Curriculum Chair: Jerry Mansfield 01/19/2018
- Executive Vice President: _________
- Articulation Officer: _________
- Librarian: _________

Implementation Term and Year: Fall 2018

Approval Dates:
- Approved by Moorpark College Curriculum Committee: 12/05/2017
- Approved by Board of Trustees (if applicable): _________
- Approved by State (if applicable): 01/17/2018