

EMC 105 Course Outline as of Fall 2020**CATALOG INFORMATION**

Dept and Nbr: EMC 105 Title: EMS ACADEMY

Full Title: Emergency Medical Services Academy

Last Reviewed: 2/24/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	8.00	Lecture Scheduled	6.00	17.5	Lecture Scheduled	105.00
Minimum	8.00	Lab Scheduled	6.00	17.5	Lab Scheduled	105.00
		Contact DHR	0		Contact DHR	0
		Contact Total	12.00		Contact Total	210.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 210.00

Total Student Learning Hours: 420.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

An academy course intended for the student preparing for a career in the Emergency Medical Services field. Successful completion of this course will enable the students to build on their Emergency Medical Technician (EMT) training and become more qualified as an entry-level job candidates. Discipline, teamwork, and personal accountability are strongly emphasized. Academy uniform, gym apparel, and related safety equipment are required.

Prerequisites/Corequisites:

Course Completion or Current Enrollment in EMC 103

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100 or equivalent

Limits on Enrollment:

Must have current driver license.

Schedule of Classes Information:

Description: An academy course intended for the student preparing for a career in the Emergency Medical Services field. Successful completion of this course will enable the students to build on their Emergency Medical Technician (EMT) training and become more qualified as an entry-level job candidates. Discipline, teamwork, and personal accountability are strongly

emphasized. Academy uniform, gym apparel, and related safety equipment are required. (Grade Only)

Prerequisites/Corequisites: Course Completion or Current Enrollment in EMC 103

Recommended: Eligibility for ENGL 100 or ESL 100 or equivalent

Limits on Enrollment: Must have current driver license.

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Identify professional attributes that will lead to entry-level employment as an Emergency Medical Technician.
2. Demonstrate skills required for job eligibility as an Emergency Medical Technician.
3. Develop a resume and interview strategies that will assist in successful employment as an Emergency Medical Technician.

Objectives:

At the conclusion of this course, the student should be able to:

1. Discuss components of the California Emergency Medical Services system.
2. Identify basic safety issues as they apply to a pre-hospital environment involving a medical emergency.
3. Identify and safely demonstrate a high-risk response that could involve weapons, explosives, nuclear substances or devices, biological hazards, any chemical/hazardous materials and crime scenes.
4. Demonstrate skills necessary to safely maneuver an ambulance and operate all related medical and rescue equipment.
5. Practice rigorous physical training activities.
6. Identify and discuss the classic signs and symptoms of psychological emergencies.
7. Demonstrate safe and appropriate patient takedown maneuvers.
8. Demonstrate safe and appropriate patient restraint techniques.
9. Demonstrate proper moving and lifting techniques.
10. Demonstrate effective health care provider-patient verbal communication skills.
11. Identify and practice the basic skills necessary to complete

12. Formulate qualities that lead to successful employment in the emergency medical services profession.
13. Prepare for Emergency Medical Technician -- Basic National certification.
14. Develop written communication skills necessary to complete a patient report.
15. Discuss pre-hospital medical-legal requirements.
16. Identify Emergency Medical Technician's role in assisting with Advanced Life Support procedures.

Topics and Scope:

I. Introduction

- A. History of Emergency Medical Services
- B. History of ambulance transportation, construction, maintenance
- C. Medical-legal issues

II. Moving and Lifting

- A. Gurney operation
- B. Moving and transferring patients

III. Emergency Vehicle Operations

- A. Navigation
- B. Preparing for ambulance driver's certificate
- C. Emergency vehicle maneuvering

IV. Physical Conditioning / Health

- A. Developing a healthy lifestyle
- B. Orientation to physical agility course
- C. Bloodborne and airborne pathogens

V. High Risk Responses

- A. Hazardous material
- B. Safe handling of
 1. weapons
 2. nuclear substance
 3. explosives
- C. Crime scene

VI. Psychiatric Emergencies

- A. Managing combative patients
- B. Restraints
- C. Self-defense

VII. Legal Issues

- A. Sexual assault
- B. Elder abuse
- C. Pediatric abuse
- D. Crime scenes

VIII. Communication

- A. Documentation
- B. Report writing
- C. Verbal communication

IX. Advance Life Support Procedures

- A. Intravenous line setup
- B. Blood sample setup
- C. Airway management setup
- D. Monitoring equipment

X. Professionalism

- A. Work ethics

- B. Teamwork
- C. Communication
- XI. Exploring Career Options
 - A. Resume
 - B. Interview skills
- XII. National Registry Exam
 - A. Review EMT-Basic curriculum
 - B. Review practical skills

All topics are included in lecture and lab.

Assignment:

Lecture-Related Assignments:

1. Weekly reading assignments 30 to 60 pages
2. Complete patient care reports (3 - 5)
3. Journal of study notes and lecture notes
4. Develop Resume (ungraded)
5. Complete 5 case studies
6. Mid-term and final written exams

Lab-Related Assignments:

1. Physical conditioning activities
2. Skills demonstration and exams of physical agility and ambulance maneuvering
3. Group scenario-based activities (5 - 10)
4. Mock interview

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Patient care reports, journal

Writing 5 - 10%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Scenario-based case studies

Problem solving 10 - 30%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exams including physical agility, patient related skills and ambulance maneuvering
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Skill Demonstrations 25 - 30%

Exams: All forms of formal testing, other than skill performance exams.

Mid-term and final exams

Exams 25 - 30%

Other: Includes any assessment tools that do not logically fit into the above categories.

Participation, mock interview

Other Category 10 - 25%

Representative Textbooks and Materials:

EMT Complete. 2nd ed. Le Baudour, Christopher and Batsie, Daniel and Dickinson, Edward and Limmer, Daniel. Brady Books 2013 (classic)

Taber's Medical Dictionary. 23rd ed. F.A. Davis Company. 2017

Instructor prepared materials.