

Glendale College

Course Outline of Record Report

Course ID 010658
Created - October 2023

EMS240 : Fundamentals of Paramedic Practice

General Information

Author:	<ul style="list-style-type: none"> Abraham Baca Dudley, Catherine Kesian, Kohar
Course Code (CB01) :	EMS240
Course Title (CB02) :	Fundamentals of Paramedic Practice
Department:	EMS
Proposal Start:	Fall 2024
TOP Code (CB03) :	(1251.00) Paramedic*
CIP Code:	(51.0904) Emergency Medical Technology/Technician (EMT Paramedic).
SAM Code (CB09) :	Advanced Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000642891
Curriculum Committee Approval Date:	10/25/2023
Board of Trustees Approval Date:	01/09/2024
Last Cyclical Review Date:	10/25/2023
Course Description and Course Note:	EMS 240 introduces the paramedic student to the advanced practice of prehospital care. Students learn professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and basic and advanced airway management. This course discusses the Emergency Medical Technician's (EMT's) role in the healthcare continuum, professional communication, patient care documentation, Intra-venous (IV) fluid therapy and resuscitation, providing care for people from diverse populations, and the application of evidence-based medicine. This course also includes a brief overview of human anatomy, physiology and pathophysiology.
Justification:	New Course
Academic Career:	<ul style="list-style-type: none"> Credit
Author:	<ul style="list-style-type: none"> Abraham Baca

Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none"> Emergency Medical Technologies
Alternate Discipline:	
Alternate Discipline:	

Course Development

Basic Skill Status (CB08)

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

Course Special Class Status (CB13)

Course is not a special class.

Pre-Collegiate Level (CB21)

Not applicable.

Grading Basis

- Grade Only

Course Support Course Status (CB26)

Course is not a support course

Transferability & Gen. Ed. Options

General Education Status (CB25)

Not Applicable

Transferability

Not transferable

Transferability Status

Not transferable

Units and Hours

Summary

Minimum Credit Units (CB07) 3.5

Maximum Credit Units (CB06) 3.5

Total Course In-Class (Contact) Hours 90

Total Course Out-of-Class Hours 117

Total Student Learning Hours 207

Credit / Non-Credit Options

Course Type (CB04)

Credit - Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	3	6
Laboratory Hours	2	0
Studio Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	54

Laboratory	36
Studio	0
Total	90

Course Out-of-Class Hours

Lecture	108
Laboratory	9
Studio	0
Total	117

Time Commitment Notes for Students

Adult ICU Clinical (8 TBA hours)

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
Adult ICU Clinical	Laboratory	0	0.5

Pre-requisites, Co-requisites, Anti-requisites and Advisories**Advisory**

BIOL120 - Human Anatomy

Objectives

- Identify major structures in the 11 systems of the human body.
- Identify major organs and structures in a human cadaver.

AND**Advisory**

BIOL121 - Introduction To Physiology

Objectives

- Describe cell transport and communication mechanisms and their role in disease processes.
- Describe the relationship between structure and function of the human cardiovascular system, and its disorders.
- Describe the relationship between structure and function of the human respiratory system, and its disorders.
- Describe the relationship between structure and function of the human urinary system, and its disorders.
- Describe the relationship between structure and function of the human digestive system, and its disorders.
- Describe the relationship between structure and function of the human reproductive system, and its disorders.

AND**Advisory**

ENGL101 - Introduction to College Reading and Composition

Objectives

- write timed, in-class essays exhibiting acceptable college-level control of mechanics, organization, development, and coherence.
- proofread and edit essays for presentation so they exhibit no disruptive errors in English grammar, usage, or punctuation.

AND**Prerequisite**

Current CA EMT Card, and a current American Heart Association (AHA) CPR Card.

AND**Co-Requisite**

EMS242 - Pharmacology (in-development)

AND**Co-Requisite**

EMS244 - Medical Emergencies (in-development)

Entry Standards

Entry Standards

No value

Course Limitations

Cross Listed or Equivalent Course

Description

No value

No value

Specifications

Methods of Instruction

Methods of Instruction

Lecture

Methods of Instruction

Laboratory

Methods of Instruction

Multimedia

Out of Class Assignments

- Written patient care report sample
- Written journal

Methods of Evaluation

Exam/Quiz/Test

Writing Assignment

Writing Assignment

Exam/Quiz/Test

Rationale

Block exams

Patient care report examples

Journal

Final exam

Textbook Rationale

No Value

Textbooks**Author****Title****Publisher****Date****ISBN**

Bryan E. Bledsoe

Paramedic Care: Principles and
Practice

Pearson

2022

9780136895022

Other Instructional Materials (i.e. OER, handouts)

No Value

Materials Fee

No value

Learning Outcomes and Objectives**Course Objectives**

Describe the role of the paramedic in the healthcare system.

Practice the ethics and morals of the paramedic in a clinical setting.

Explain ways to provide quality, effective and compassionate care to diverse populations.

Complete professional patient documentation.

SLOs

Summarize the fundamentals of paramedic care through the completion of a cumulative final exam, with a score of 75% or better.

Expected Outcome Performance: 70.0

Describe body systems, core competencies, and fundamental concepts that form the basis of care delivery in paramedic practice.

Expected Outcome Performance: 70.0

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?

No

Is this proposal submitted in response to learning outcomes assessment data?

No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

Introduction (8 hours)

- The advanced practice of prehospital care
- Paramedic's role in the healthcare system
- Overview of paramedic knowledge, skills and abilities

Legal aspects (12 hours)

- Professional behavior
 - Caring for diverse populations including; socioeconomic status, race, ethnicity, language, disabilities, age, gender and sexual orientation.
- Medical ethics and morals
- Potential paramedic legal issues
 - Caring for patients with trust vs low-trust or trust in healthcare

Anatomy and Physiology (12 hours)

- Overview of body structures
- Review of body systems
- Review of pathophysiology

Patient assessment (12 hours)

- Medical assessment
- Trauma assessment

Patient documentation (10 hours)

- Patient care documentation

Total hours: 54

Laboratory/Studio Content

Laboratory Content (36 hours)

- IV insertion
- Fluid resuscitation and therapy
- Patient medical assessment
- Patient trauma assessment
- Patient documentation

Total Hours: 36