

BUTTE COLLEGE

COURSE OUTLINE

I. CATALOG DESCRIPTION

EMS 172 - Community Paramedic - Mobile Integrated Health Care

6 Unit(s)

Prerequisite(s): Licensed paramedic

Recommended Prep: NONE

Transfer Status: NT

51 hours Lecture

170 hours Lab

This course provides training for the licensed paramedic to provide Mobile Integrated Healthcare as a Community Paramedic (CP) within a local Emergency Medical Service Agency provision. Emphasis is placed upon defining the boundaries of the CP role, identifying the social determinants of health, identifying community health needs and available services, and performing community education and outreach to ensure the public is aware of available health services. Students will also be trained in a variety of clinical interventions that are relevant to the role of the CP.

II. OBJECTIVES

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

- A. Evaluate and analyze the role of the Community Paramedic in the health care system, including public health and primary care.
- B. Evaluate the Social Ecology Model as it relates to the health of an individual.
- C. Identify and apply the appropriate risk mitigation strategies to reduce unnecessary ambulance responses, and hospital admissions and readmissions.
- D. Demonstrate and employ cultural competence when interacting with individual patients and performing outreach to the community.
- E. Analyze a community needs assessment and construct a web of resources to pair the appropriate client to the appropriate resource.
- F. Identify and employ methods to ensure personal health, safety and wellness.
- G. Integrate the knowledge and skills of the Community Paramedic with established paramedic practice in a mobile integrated healthcare model, as defined by the California Emergency Medical Services Authority.

III. COURSE CONTENT

A. Unit Titles/Suggested Time Schedule

Lecture	
<u>Topics</u>	<u>Hours</u>
1. Introduction to the Community Paramedic	4.00
2. Understanding the Health Care System	4.00
3. Social Determinants of Health	8.00
4. Promotion and Prevention	8.00
5. Patient Support Techniques and the Impact of the Community Paramedic on the Health Care System	8.00
6. Cultural Competence	1.50
7. Community Needs Assessment	1.50
8. Systems of Care	2.25
9. Pathways to Care	1.50
10. Negative Resources	0.75

11. Outreach Programs	0.75
12. Principles of Individual Outreach	0.75
13. Community Outreach	0.75
14. The Homeless Outreach and Medical Emergency (HOME) Team Interventional Technique	1.50
15. System Navigation	1.50
16. Client Documentation	0.75
17. Personal Safety and Wellness	5.50
Total Hours	51.00

Lab

<u>Topics</u>	<u>Hours</u>
1. Compiling a Patient History	4.00
2. Comprehensive Physical Examination and Documentation	16.00
3. Age-Related Clinical Differences	16.00
4. Interpreting Results and Reports	4.00
5. Obtaining Specimens and Samples	4.00
6. Specialty Equipment	4.00
7. Home Health Equipment	4.00
8. Ports, Lines, Catheters, and Ostomies	8.00
9. Psychological First Aid	8.00
10. End-of-Life Issues	6.00
11. Public Health and Collaboration	16.00
12. Chronic Conditions: Heart Failure, COPD, Diabetes, Hypertension, Asthma, Neurological Conditions, Wound Care, Infections, Oral Health, Mental Health	80.00
Total Hours	170.00

IV. **METHODS OF INSTRUCTION**

- A. Lecture
- B. Field Experience/Internship
- C. Group Discussions
- D. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- E. Demonstrations
- F. Multimedia Presentations

V. **METHODS OF EVALUATION**

- A. Exams/Tests
- B. Portfolios
- C. Final Examination
- D. Performance Examinations
- E. Practical Evaluations

VI. **EXAMPLES OF ASSIGNMENTS**

- A. Reading Assignments

1. Read the assigned chapter in your book regarding the role of the Community Paramedic in the evolving health care system. List the most important role(s) and be prepared to discuss them in class.
2. Read the handout on the HOME Interventional Technique. Be prepared to discuss the application of the HOME Interventional Technique to reduce repetitive non-emergency 911 calls in a community.

B. Writing Assignments

1. Given a skills lab scenario construct a written analysis of a client's medical condition and prepare a medical care plan for the client.
2. Create three electronic medical records on specified target groups (pediatrics, adult and geriatric) with expanded and comprehensive objective clinical findings and plan for care or intervention.

C. Out-of-Class Assignments

1. Visit a low-cost/no-cost community medical resource and interview a provider. When preparing your interview questions, consider how a Community Paramedic would facilitate collaboration with the community medical resource. Be prepared to discuss what you learn in class.
2. Complete a community needs assessment that addresses one or more barriers to healthcare that the community faces. Create a model that utilizes the Community Paramedic to reduce or eliminate that barrier.

VII. RECOMMENDED MATERIALS OF INSTRUCTION

Textbooks:

- A. Nies, Mary A. and McEwen, Melanie. Community/Public Health Nursing: Promoting the Health of Populations. 5th Edition. Saunders, 2010.
- B. Bickley, Lynn. Bates' Guide to Physical Examination and History-Taking. 11th Edition. Lippincott Williams & Wilkins, 2012.

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