

ARTICULATION AGREEMENT

DATE DRAFTED: June 29, 2017

VALID ACADEMIC YEARS: 2017-18 & 2018-19

LMC COURSE: EMS-009 “Emergency Medical Responder/Public Safety First Aid/CPR and AED”

HIGH SCHOOL COURSE: ROP Emergency Medical Careers

School: Dozier-Libbey Medical High School

Address: 4900 Sand Creek Road, Antioch, CA 94531

A. COLLEGE COURSE DESCRIPTION: This course is an introductory course to medical careers with an emphasis on emergency medical services. Students who successfully complete this course will earn the following certifications: American Heart Association (AHA) Heart Saver/AED and First Aid Certification, students will also obtain an American Heart Association CPR/Basic Life Support (BLS) Certification card. EMS-009 meets and exceeds the listed curriculum for the California Emergency Services Agency First Aid Standards for Public Safety Personnel, which is the minimum required level of medical training required for CAL-FIRE seasonal personnel, Police Officers, Life Guards and any other occupation classified under Public Safety in the State of California. Students who successfully complete EMS 009 are eligible to apply for employment in a diverse array of positions which include public safety as well as many others, some examples of these occupations are: lifeguards, public safety officers, police officers, teacher’s assistants, security guards, coaches and for positions with California Department of Forestry and Fire Protection as seasonal wildland Firefighters. In addition, students will develop an educational pathway into the EMT, paramedic, fire technology, nursing, physician assistants and other Allied Health occupations.

B. UNITS: 4

C. PRE-REQUISITES: NA

D. REQUIRED CONTENT FOR ARTICULATION:

1. Discuss the roles of a First Responder, objectives for course
2. Occupational and personal safety
3. Legal and ethical issues
4. The anatomy and function of body systems
5. Primary systems and structures of surface anatomy
6. Airway care and rescue breathing
7. Patient and scene assessment
8. Circulation: CPR and the anatomy of the circulatory system
9. Illness and injury: medical emergencies

10. Behavioral emergencies
11. Bleeding, shock and soft -tissue injuries
12. Injuries to muscles and bones
13. Pregnancy & Childbirth
14. Geriatric Patients
15. Infant and children - pediatric emergencies
16. EMS operations: role of the First Responder
17. Supplemental skills: special situations, special needs patients
18. Introduction to Incident Command System (ICS)
19. Job Search: retention, and test Preparation

E. REQUIRED COMPETENCIES (PERFORMANCE OBJECTIVES) FOR ARTICULATION

After successful completion of this program, the student will be able to:

1. Understand the four basic principles of First Responders:
 1. Know what you should not do
 2. Know how to use your First Responder life support kit
 3. Know how to improvise
 4. Know how to assist other emergency medical services providers
2. Perform emergency skill sets relating to:
 - Airway Management
 - Respiratory Emergencies
 - Cardiac Emergencies
 - Trauma
 - Medical emergencies
 - Pregnancy & Childbirth
 - EMS (Emergency Medical Services) Operations
3. Identify and perform First Responder competencies
 - Explain the roles & responsibilities of a First Responder
 - Describe the emotional aspects of emergency care encountered by patients, families, and First Responders
 - Identify the universal precautions for preventing infectious diseases from blood-borne and air-borne pathogens
 - Explain three phases of scene safety
 - List the safety equipment that First Responders should have for their protection
 - Describe ethical issues related to types of patient consent
 - Identify federal, state, and local regulations that apply to First Responders
 - Identify the basic anatomy and function of body systems
 - Demonstrate proper methods of lifting & moving patients
 - Demonstrate the process and steps for airway care and rescue breathing for infants, children, and adults
 - Perform each step in the patient assessment sequence
 - Measure vital signs for infants, children, and adults
 - Demonstrate the steps of infant, child, and adult CPR
 - Describe the approach and treatment of medical emergencies, including poisoning

- Explain emergency care for bleeding, shock, & soft-tissue injuries
- Describe the treatment for injuries to muscles and bones
- Discuss the role of a First Responder in extrication, where hazardous materials are present, and in a multiple-casualty incident
- Describe steps in assisting with a special rescue situation
- Describe special considerations of wilderness first aid

F. METHODS FOR END OF COURSE ASSESSMENT:

Assessment of student performance will include but will not be limited to:

1. Students must receive a grade of **“B” or better on the LMC approved final exam (3rd party verified)**
2. Tests, quizzes, and practical skills assessments
3. Classroom participation, effort, skill mastery and quality of work
4. Completion of assignments
5. Individual projects/group projects
6. Affective domain evaluations: respect, diplomacy, interpersonal skills, team work, decorum

G. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION:

1. Complete the ROP Careers in Emergency Medical Services, Emergency Medical Responder course and final examination at Dozier-Libbey Medical High School with a grade of “B” or better.
2. Apply for admission at Los Medanos College.
3. Register for CATEMA for electronic submission of college credit **OR** obtain copy of high school transcript and articulation agreement and submit to the LMC Office of Admissions & Records.
4. Upon completion of the above, the student will receive on his/her LMC and CCCC (California Community College District) transcripts the grade of “A” or “B” and the unit credit for LMC’s EMS-009 course with a notation indicating college credit was granted by exam. (Credit by Exam)

H. TEXTBOOKS OR OTHER SUPPORTING MATERIALS

Emergency Medical Responder: First on Scene, Le Baudour and Bergeron, 10th edition, 2016,
American Heart Association BLS provider, 2015 Textbook or Etextbook
American Heart Association Heart Saver, 2015 CPR/FA and AED Textbook or Etextbook

***** Special note*****

All students participating in an American Heart Association class/es must have his/her own book, which may not to be shared with other students. Any student receiving a CPR card from the AHA must be able to produce an individual invoice/receipt that his/her book was purchased. **Educational institutions are not allowed to keep "libraries" of AHA books for students to share or to check out per AHA mandates and our PAMF manual.**

Equipment:

First aid equipment and emergency responder equipment
 CPR models
 Computer and LCD projector

LOS MEDANOS COLLEGE

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COLLEGE SIGNATURES

Kevin P. Horan

Kevin P. Horan (Aug 7, 2017)

Aug 2, 2017

Kevin Horan
LMC Vice President of Instruction & Student Services

Date

Natalie C. Hannum

Natalie C. Hannum (Aug 3, 2017)

Aug 2, 2017

Natalie Hannum
LMC Dean of Career Technical Education
& Social Sciences

Date

German Sierra

German Sierra (Aug 2, 2017)

Aug 2, 2017

German Sierra
LMC EMS/Fire Technology Department Chair

Date

Gretchen Medel

Gretchen Medel (Aug 3, 2017)

Aug 2, 2017

Gretchen Medel
LMC EMS Faculty/DLMHS Faculty

Date

HIGH SCHOOL/ROP/DISTRICT SIGNATURES

Scott Bergerhouse

Scott Bergerhouse (Aug 7, 2017)

Aug 2, 2017

Scott Bergerhouse
Principal, Dozier-Libbey Medical High School

Date

Adam Clark

Adam Clark (Aug 15, 2017)

Aug 2, 2017

Adam Clark, ED. D.
District Asst. Superintendent, Educational Services

Date

Janet Haun

Janet Haun (Sep 8, 2017)

Aug 2, 2017

Janet Haun
Director, Student Programs CCCOE

Date

LOS MEDANOS COLLEGE

Cc: Robin Armour, LMC Director of Admissions and Records

Kelly Green, LMC K-12 Liaison

Tiffany Welter, LMC CTE Counselor

School District Educational Services Dept.

High School Principal

High School CATEMA Contact

Upload: LMC High School Articulation webpage

StatewidePathways.Org



EMS-009 w/DLMHS 2017-19

Adobe Sign Document History

09/08/2017

Created:	08/02/2017
By:	Colleen Grim (cgrim@losmedanos.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAAbKL7MnOemYscKyFRD0Q_Z5CWcrWicto

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08/03/2017 - 5:01:02 PM PDT
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Signature Date: 08/07/2017 - 5:23:45 PM PDT - Time Source: server- IP address: 169.199.67.31
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08/07/2017 - 5:59:06 PM PDT- IP address: 23.121.152.197
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Signature Date: 08/15/2017 - 7:41:01 AM PDT - Time Source: server- IP address: 169.199.67.3
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08/15/2017 - 7:41:03 AM PDT
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Signature Date: 09/08/2017 - 8:46:23 AM PDT - Time Source: server- IP address: 169.199.3.52
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