

Las Positas College
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Course Outline for EMS 70B

CPR FOR HEALTH CARE PROVIDERS

Effective: Fall 2019

I. CATALOG DESCRIPTION:

EMS 70B — CPR FOR HEALTH CARE PROVIDERS — 0.50 units

Development of knowledge, skills and personal judgment necessary to initiate and perform basic life support techniques as a health care professional. Successful completion of the knowledge and skills tests qualifies for an American Heart Association Basic Life Support Certificate.

0.50 Units Lecture

Grading Methods:

Pass/No Pass

Discipline:

- Emergency Medical Technologies

	MIN
Lecture Hours:	9.00
Expected Outside of Class Hours:	18.00
Total Hours:	27.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:

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

- Describe the importance of high-quality CPR and its impact on survival
- List all the steps of the Chain of Survival and apply the BLS concepts of the Chain of Survival
- Recognize the signs of someone needing CPR
- Perform high-quality CPR for adults, children and infants
- Recognize the importance of early use of an AED and demonstrate its use
- Provide effective ventilations by using a barrier device
- List the importance of teams in multi-rescuer resuscitation and perform as an effective team member during multi-rescuer CPR
- Demonstrate the technique for relief of foreign-body airway obstruction (choking) for adults and infants

V. CONTENT:

- Lesson 1: Course Introduction
- Lesson 1A: Life Is Why Activity (Optional)
- Lesson 2: 1-Rescuer Adult BLS
 - Part I: Adult Chain of Survival
 - Part II: Scene Safety and Assessment
 - Part III: Adult Compressions
 - Part IV: Pocket Mask
 - Part V: 1-Rescuer Adult BLS
- Lesson 3: AED and Bag-Mask Device
 - Part I: AED
 - Part II: Bag-Mask Device
- Lesson 4: 2-Rescuer Adult BLS
- Lesson 5: Team Dynamics
 - Part I: Team Dynamics
 - Part II: Successful Resuscitation Teams
- Lesson 6: High-Performance Teams Activity
- Lesson 6A: Local Protocols Discussion (Optional)
- Lesson 7: Child BLS
 - Part I: Pediatric Chain of Survival
 - Part II: Child BLS
 - Part III: 2-Rescuer Child CPR
- Lesson 8: Infant BLS
 - Part I: Infant BLS
 - Part II: Infant Compressions

- 3. Part III: Bag-Mask Device for Infants
- 4. Part IV: 2-Rescuer Infant BLS
- 5. Part V: AED for Infants and Children Less Than 8 Years of Age
- K. Lesson 9: Special Considerations
 - 1. Part I: Mouth-to-Mouth Breaths
 - 2. Part II: Rescue Breathing
 - 3. Part III: Breaths With an Advanced Airway
 - 4. Part IV: Opioid-Associated Life-Threatening Emergency
- L. Lesson 10: Adult and Child Choking
 - 1. Part I: Relief of Choking in a Responsive Adult or Child
 - 2. Part II: Relief of Choking in an Unresponsive Adult or Child
- M. Lesson 11: Infant Choking
 - 1. Part I: Relief of Choking in a Responsive Infant
 - 2. Part II: Relief of Choking in an Unresponsive Infant
- N. Lesson 12: Conclusion
- O. Lesson 13: Exam
- P. Lesson 14: Adult CPR and AED Skills Test
- Q. Lesson 15: Infant CPR Skills Test
- R. Lesson 16: Remediation
 - 1. Part I: Skills Testing Remediation
 - 2. Part II: Exam Remediation

VI. METHODS OF INSTRUCTION:

- A. **Lecture** -
- B. **Audio-visual Activity** - Audiovisual materials
- C. **Demonstration** - Skills demonstration
- D. **Discussion** -

VII. TYPICAL ASSIGNMENTS:

- A. Review symptoms of cardiac chest pain
- B. Review the AHA Chain of Survival
- C. Outline the steps for high quality chest compressions
- D. Discuss risk factors of cardiac disease

VIII. EVALUATION:

Methods/Frequency

- A. Exams/Tests
 - Summative multiple choice exam
- B. Class Participation
 - Practice skills in small groups
- C. Other
 - 1. Skills demonstration

IX. TYPICAL TEXTS:

- 1. American Heart Association. *BLS Provider Manual 2015*. 2018 ed., American Heart Association, 2018.
- 2. American Red Cross. *Basic Life Support for Healthcare Providers Handbook*. 2017 ed., American Red Cross, 2017.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Pocket Mask