



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Health Professions (HP)

COURSE: EMS 1203: Advanced Cardiovascular Life Support

Effective Date: Summer 2025

Submitted Date: Jan-25

Credit Hours: 1

IAI Number (if applicable):

Complete all that apply or mark "None" where appropriate:

Prerequisite(s): None.

Enrollment by assessment or other measure? ☐ Yes ☒ No

If yes, please describe:

Corequisite(s): None.

Pre- or Corequisite(s): None.

Consent of Instructor: ☒ Yes ☐ No

Delivery Method:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Lecture | 1 Contact Hours (1 contact = 1 credit hour) |
| <input type="checkbox"/> Seminar | 0 Contact Hours (1 contact = 1 credit hour) |
| <input type="checkbox"/> Lab | 0 Contact Hours (2-3 contact = 1 credit hour) |
| <input type="checkbox"/> Clinical | 0 Contact Hours (3 contact = 1 credit hour) |
| <input type="checkbox"/> Internship | 0 Contact Hours (5 contact = 1 credit hour) |

Offered: ☒ Fall ☒ Spring ☒ Summer

CATALOG DESCRIPTION:

The ACLS Provider course is designed for healthcare providers who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies. Through didactic instruction and active participation in simulated cases, students will enhance their skills in the recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute arrhythmia, stroke, and acute coronary syndromes (ACS). The goal of the ACLS provider course is to improve outcomes for adult patients of cardiac and other cardiopulmonary emergencies through early recognition and intervention by high-performance teams.

ACCREDITATION STATEMENTS AND COURSE NOTES:

None.

COURSE TOPICS AND CONTENT REQUIREMENTS:

- I. Basic life support skills, including effective chest compressions, use of a bag-mask device, and use of an AED.
 - a. High-Quality BLS skills station
 - b. Cardiac Arrest learning station
- II. Recognition and early management of respiratory and cardiac arrest
 - a. Airway management learning station
 - b. Cardiac arrest learning station
- III. Recognition and early management of peri-arrest conditions
 - a. Bradycardia learning station.
 - b. Tachycardia learning station
- IV. Related pharmacology
- V. Management of ACS and stroke
- VI. Effective communication as a member and leader of a resuscitation team.

INSTRUCTIONAL METHODS:

Video Demonstration

Discussion

Hands-on practice

EVALUATION OF STUDENT ACHIEVEMENT:

To receive a course completion card, students must attend and participate in all lessons of the course, pass all skills test, and pass the written exam.

Written exam – The exam measures the mastery of cognitive skills. Each student must score at least 84% on the written exam to meet course completion requirements.

Skills tests will be evaluated using criteria and skill sheets from the American Heart Association. Students must successfully pass these skills tests:

- High-Quality BLS Skills Test
- Bag-Mask Ventilation Skills Test with OPA/NPA insertion.
- Learning station competencies
- Megacode Test

INSTRUCTIONAL MATERIALS:

Textbooks

American Heart Association. (2020). *Advanced Cardiovascular Life Support Provider*.

Resources

LEARNING OUTCOMES AND GOALS:

Institutional Learning Outcomes

- ☐ 1) Communication – to communicate effectively.
- ☒ 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion.
- ☐ 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally.
- ☐ 4) Responsibility – to recognize how personal choices affect self and society.

Course Outcomes and Competencies

1. Identify and initiate early management of peri-arrest conditions that may result in cardiac arrest or complicate resuscitation outcomes.
2. Demonstrate proficiency in providing BLS care, including prioritizing chest compressions and integrating automated external defibrillator (AED) use.
3. Identify and manage respiratory arrest.
4. Identify and manage cardiac arrest and other arrhythmias until termination of resuscitation or transfer of care, including immediate post-cardiac arrest care.
5. Identify and initiate early management of ACS, including appropriate disposition.
6. Identify and initiate early management of stroke, including appropriate disposition.
7. Demonstrate effective communication as a member or leader of a resuscitation team and identify the impact of team dynamics on overall team performance.