

EMSP 245 – Advanced Cardiac Life Support SYLLABUS

1 CREDITS

CATALOG DESCRIPTION

Provides intense study in the advanced care of patients suffering cardiac emergencies. Course follows the ACLS curriculum of the American Heart Association. Students should have a strong understanding of cardiac rhythm interpretation. Upon successful completion, course participants receive an ACLS certificate from the American Heart Association. Course has required pre-course work that must be turned in on the first day of the course to be admitted. Special prerequisite: Current AHA Basic Life Support or comparable healthcare provider CPR certification.

Prerequisites: Current AHA Basic Life Support or comparable healthcare provider CPR certification.

Co Requisites: Paramedic program only: EMSP 200, EMSP 205, EMSP 211, EMSP 216, EMSP 219, EMSP 225, EMSP 229

Semester Offered: By Demand, In conjunction with the paramedic program.

INSTRUCTOR: AHA ACLS Instructor
OFFICE: EMS Offices, Health Sciences Room 3322
OFFICE HOURS: Monday – Friday, 8:00a.m.-5:00p.m.
TELEPHONE: 505-566-3857

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of this course, the student will receive American Heart Association Advanced Cardiac Life Support course completion certification, which is valid for 2 years.

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

1. Develop an approach to the early recognition and management of the AMI.
2. Develop priorities for the initial management of shock, and cardiopulmonary failure.
3. Identify the equipment and drugs required for resuscitation.
4. List and correctly apply the important principles of post-resuscitation care of the cardiac patient.
5. Complete all required skills listed on the provided Skills station Completion Lists.
6. Complete the 10 core cases.
7. Demonstrate proficiency in the management of the cardiac patient

COURSE GOALS

Prepare students to provide advanced care for patients suffering cardiac emergencies.

DISCLAIMER:

The ACLS Provider Course does not teach algorithms, ECG, or pharmacology information. If you do not learn and understand the ECG and pharmacology information in the precourse assessment tests, it is **unlikely that you can successfully complete the ACLS Provider Course**. Students are expected to complete all precourse preparation before class. Students who do not complete precourse preparation may fail the course and will need to repeat the course in order to receive a course completion card.

POLICIES

All institutional policies, including those listed in the current edition of the *San Juan College Academic Catalog*, and EMS Program policies as listed in the current *San Juan College EMS Program Policy Manual* are incorporated into this syllabus by reference.

GRADING & SUCCESSFUL COURSE COMPLETION

EVALUATION METHODS

1. **Written test:** You must satisfactorily pass (84% or above) the written American Heart Association exam to pass the course.
2. **Learning stations:** All student must complete ALL objectives listed in the provided ACLD Provider Manual.
3. **CPR Skills:** Pass the CPR Skills testing station based on the CPR/AED Skill sheet
4. **Megacode:** A grade of (Pass) or better in the Megacode Station, based on:

Pass = The student asks for required patient information. Effectively uses the team. Uses appropriate team communication skills. Request minimal acceptable actions/interventions. Performs no critical errors based on the skills sheet. Demonstrates a basic understanding of ACLS skills and knowledge.

Fail= The student fails to intervene appropriately and timely, or provides harmful intervention to the patient. Does not used the team or communicates appropriately. Performs any critical error based on the skills sheet.

Remediation: The Course Director will decide on the appropriate remediation process for the student. Remediation may

