

**NVCC COLLEGE- WIDE COURSE CONTENT SUMMARY  
EMS 165 - ADVANCED CARDIAC LIFE SUPPORT (ACLS) (1 CR.)**

**Course Description**

Prepares for certification as an Advanced Cardiac Life provider. Follows course as defined by the American Heart Association. Prerequisites: EMS 100, 153 or equivalent. Lecture 1 hour per week.

**General Course Purpose**

Prepares the student in the current recommended advanced cardiac life support procedures of the American Heart Association.

**Entry Level Competencies**

Must hold current CPR certification. Healthcare student or practitioner.

**Course Goals and Objectives**

**Goals**

To be competent in the delivery of advanced cardiac life support.

**Objectives**

At the completion of the course the student will be able to:

- A. Recognize the signs and symptoms of cardiac arrest
- B. Appropriately manage the airway of an unconscious patient
- C. Recognize and electrically and/or pharmacologically manage cardiac dysrhythmias
- D. Appropriately manage a cardiac arrest management team

**Major Topics to be Included**

- A. Airway Management
- B. Dysrhythmia Recognition
- C. Therapeutic Modalities
- D. Legal Aspects
- E. Current Management of Acute AMI
- F. Pediatric Resuscitation
- G. Cardiovascular Pharmacology
- H. Skill Practice Sessions in:
  - Airway Management
  - Defibrillation
  - Dysrhythmia Recognition
  - Code Team Management parts of course description? Major topics (Medical, Airway, etc...)