

ARIZONA WESTERN COLLEGE  
SYLLABUS

EMS 295 PARAMEDIC ACADEMY 3

Credit Hours: 15, 20 lec (263 hrs), 11 lab (150 hrs), 6 clin (225hrs)

PREREQUISITE: EMS 294 with a minimum grade of B

Note: There is an additional fee for this class

COURSE DESCRIPTION

The third of three modules designed to prepare the working EMT-B (Emergency Medical Technician-Basic) for certification as a Paramedic in the State of Arizona.

1. COURSE GOALS

- 1.1 Expose students to concepts of advanced pharmacology.
- 1.2 Familiarize the student with pre-hospital pediatric treatment protocols.
- 1.3 Prepare the student for certification in Pediatric Advanced Life Support by the American Heart Association.
- 1.4 Familiarize the student with obstetric, gynecological and neonatal emergencies.
- 1.5 Introduce advanced intervention techniques.
- 1.6 Prepare the student for clinical and vehicular externships.
- 1.7 Further familiarize the student with hospital documentation.
- 1.8 Introduce concepts of 12 lead electrocardiography.
- 1.9 Explore current trends in hospital research.
- 1.10 Familiarize the student with the assessment and management of trauma and burn injured patients.
- 1.11 Prepare the student for certification in paramedic level Basic Trauma Life Support by the American College of Emergency Physicians.
- 1.12 Provide students the opportunity to test for certification as paramedics by the Arizona Department of Health Services – Bureau of EMS and the National Registry of Emergency Medical Technicians.

2. OUTCOMES

Upon satisfactory completion of this course, students will be able to:

- 2.1 apply knowledge of pre-hospital medications in simulated and actual patient care.
- 2.2 assess and manage pediatric patients in simulated and actual situations.
- 2.3 perform adult and pediatric patient assessment to National Registry of Emergency Medical Technicians standards.
- 2.4 perform all paramedic skills to National Registry of Emergency Medical Technicians standards.
- 2.5 assess and manage trauma and burn patients in simulated and actual situations.
- 2.6 assess and manage patients with behavioral complaints in simulated and actual situations.
- 2.7 interpret and analyze 12 lead electrocardiography, with emphasis on detection of myocardial infarction.
- 2.8 discuss current pre-hospital research issues.
- 2.9 perform all paramedic skills to National Registry of Emergency Medical Technicians standards.

3. METHODS OF INSTRUCTION

- 3.1 Lecture
- 3.2 Audio-visual and multimedia presentation
- 3.3 Student demonstration
- 3.4 Classroom exercises
- 3.5 Practical examination
- 3.6 Written examination
- 3.7 Scenario based activities

#### 4. LEARNING ACTIVITIES

- 4.1 Lecture, demonstration and audiovisual presentation
- 4.2 Practical skills exercises
- 4.3 Field trips
- 4.4 Written exercises and periodic written examinations
- 4.5 Participation in class discussions and demonstrations

#### 5. EVALUATION

- 5.1 Exams
- 5.2 Participation
- 5.3 Assignments

#### 6. STUDENT RESPONSIBILITIES

- 6.1 Under AWC Policy, students are expected to attend every session of class in which they are enrolled.
- 6.2 If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course may be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.
- 6.3 Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through AccessABILITY Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.
- 6.4 Academic Integrity: Any student participating in acts of academic dishonesty—including, but not limited to, copying the work of other students, using unauthorized “crib notes”, plagiarism, stealing tests, or forging an instructor’s signature—will be subject to the procedures and consequences outlined in AWC’s Student Code of Conduct.
- 6.5 Texts and Notebooks: Students are required to obtain the class materials for the course.
- 6.6 Arizona Western College students are expected to attend every class session in which they are enrolled. To comply with Federal Financial Aid regulations (34 CFR 668.21), Arizona Western College (AWC) has established an Attendance Verification process for “No Show” reporting during the first 10 days of each semester.  
Students who have enrolled but have never attended class may be issued a “No Show” (NS) grade by the professor or instructor and receive a final grade of “NS” on their official academic record. An NS grade may result in a student losing their federal financial aid.  
For online classes, *student attendance in an online class is defined as the following* (FSA Handbook, 2012, 5-90):
  - Submitting an academic assignment
  - Taking an exam, an interactive tutorial or computer-assisted instruction
  - Attending a study group that is assigned by the school
  - Participating in an online discussion about academic matters
  - Initiating contact with a faculty member to ask a question about the academic subject studied in the course