

ARIZONA WESTERN COLLEGE  
SYLLABUS

## EMS 293 PARAMEDIC ACADEMY 1

Credit Hours: 15 462 hours lec/lab, 100 hours clin

**PREREQUISITES:**

- Must meet the requirements of the Arizona State Department of Human Service
- Must have applied for and be accepted into the Paramedic Academy by the Director of EMS or the Medical Director of EMS

NOTE: There is an additional fee for this course.

**COURSE DESCRIPTION**

This is the first of three modules designed to prepare the working EMT-B for certification as a Paramedic in the State of Arizona.

1. **COURSE GOALS**

- 1.1 exposes students to the paramedic level pre-hospital environment.
- 1.2 familiarizes the student with human anatomy and physiology.
- 1.3 presents a unified approach to patient assessment.
- 1.4 familiarizes the student with general pharmacology.
- 1.5 introduces advanced intervention techniques.
- 1.6 prepares the student for certification in Advanced Cardiac Life Support.

2. **OUTCOMES**

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

- 2.1 perform peripheral and central venipuncture.
- 2.2 perform endotracheal intubation using various methods.
- 2.3 discuss structure and function of the human body.
- 2.4 perform patient assessment to National Registry of Emergency Medical Technicians standards.
- 2.5 assess and provide paramedic level care for patients with cardiovascular and respiratory complaints.
- 2.6 accurately perform and interpret electrocardiography.
- 2.7 demonstrate competence, written and practical, in Advanced Cardiac Life Support.
- 2.8 define the components of the state EMS communications system.
- 2.9 demonstrate correct EMS patient documentation to local standards.
- 2.10 explain common medical/legal and ethical concepts.
- 2.11 demonstrate competence, written and practical, in pharmacology, medication dose calculations and administration.
- 2.12 discuss paramedic well being and stress reduction.
- 2.13 perform therapeutic communication.

3. **METHODS OF INSTRUCTION**

- 3.1 Lecture
- 3.2 Audio-visual and multimedia presentation
- 3.3 Student demonstration
- 3.4 Classroom exercises
- 3.5 Scenario based activities

4. LEARNING ACTIVITIES

- 4.1 Lecture, demonstration and audiovisual presentation.
- 4.2 Practical skills exercises and return demonstration.
- 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 Assignments
- 5.3 Participation

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