

SYLLABUS PART I
EDISON STATE COMMUNITY COLLEGE
PAR 220S PARAMEDIC II
13 CREDIT HOURS

COURSE DESCRIPTION

The Paramedic certification course provides information covering emergency and pre-hospital medical care that may be encountered at the scene of accidents and serious illnesses. The course includes competencies demonstrating the role of the paramedic in cardiac emergencies, EKG interpretation with both 4 and 12-lead machines, Mega codes and ACLS certification as well as recognition of AAA and embolisms, OB/GYN emergencies, neonatal resuscitation, pediatric emergencies, and recognition and treatment of all types of shock, blunt and penetrating trauma, burn injuries, soft tissue injuries, fractures and dislocations, and splinting. Recognition of all types of heat and cold emergencies, bites, stings, and envenomations as well as marine and water emergencies. Prerequisite: PAR 120S.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
1	1. Identify fundamental knowledge of basic and 12-lead cardiology EKG machines.	4, 5, 7
3	2. Illustrate advanced cardiac life support procedures utilized by paramedics.	1, 4, 5, 7
3	3. Demonstrate knowledge of childbirth and neonatal resuscitation outside the emergency room setting.	1, 2, 3, 4, 5, 6, 7, 10
2	4. Discuss gynecological problems common with paramedic dispatches.	1, 4, 7
3	5. Apply knowledge of types of shock and the treatment used for on-scene immediate care.	4, 10
1	6. State a fundamental knowledge of types of trauma.	4, 5
2	7. Distinguish between types of burns and other soft tissue injuries.	4, 5
2	8. Explain the different types of possible orthopedic injuries that may be encountered in the field.	4, 5
1	9. Define various types of environmental injuries.	4, 5, 10

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Cardiology
2. O.B /GYN Emergencies
3. Pediatrics
4. Shock
5. Trauma Overview – Blunt vs Penetration
6. Soft Tissue Injuries
7. Fractures and Dislocations
8. Environmental Emergencies