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### Course Description

The first responder covers selected aspects of trauma care as outlined by the national standard created by federal guidelines and considered to be the responsibilities of services with emergency medical response missions, consisting of classroom and laboratory instructions.

Training involves typical anatomy and physiology; patient assessment; care for respiratory and cardiac emergencies; control of bleeding, application of dressing and bandages; treatment for traumatic shock; care for fractures, dislocations, sprains and strains; medical emergencies, emergency childbirth; burns and heat emergencies; environmental emergencies; principles of vehicle rescue; transportation of the patient, and general operations of emergency medical services.

**Prerequisites:** None

**Corequisite:** None

### Task List

1.	Identify the three major roles and responsibilities of the first responder.
2.	Describe the legal aspects of providing emergency care.
3.	Identify the human systems, including anatomy, physiology, and an introduction and practice of patient assessment.
4.	Identify the basic mechanics of respiration, signs of airway obstruction and respiratory arrest, maintaining an open airway, pulmonary resuscitation; variations for children and infants and special consideration for the laryngectomies.
5.	Identify comprise of circulation and signs of cardiac arrest.
6.	Demonstrate the procedure of cardiopulmonary resuscitation by one rescuer and two rescuers.
7.	Demonstrate the use of airway resuscitator devices and airway adjuncts.
8.	Describe signs of shock, prevention of shock and treatment of shock.
9.	Identify signs of internal bleeding; external bleeding and demonstrate procedures of bleeding control.
10.	Identify the physiology of the skin and classify types of wounds.
11.	Demonstrate the practice the application of dressings and bandages.
12.	Identify anatomy and physiology of the musculoskeletal system and definitions and types of fractures and dislocations.
13.	Demonstrate the techniques of care for fractures and dislocations, sprains and strains.
14.	Identify the signs and symptoms of injury to the pelvis and hip and demonstrate the emergency care for pelvic and hip injury.
15.	Identify anatomy and physiology of the nervous system; signs and symptoms of spinal fractures; general rules of care for patients with spinal injuries; signs of skull fractures; care for skull, brain, face and neck injuries and practice immobilization using extrication collars.
16.	Identify functions of the abdomen, genital and chest including techniques of care for these areas.
17.	Describe the signs and symptoms of poisoning, bites and stings, heart attack, stroke, and dyspnea and the care for medical emergencies relative to these conditions.
18.	Describe the signs and symptoms and technique of care for diabetic, abdominal distress, substance abuse and seizure emergencies.
19.	Identify relative anatomy, physiology and emergency care for emergency childbirth.
20.	Identify the methods to employ for assessing the newborn, care for premature infants, and pediatric emergencies.
21.	Identify the degree and classification of burns and care for each classification.
22.	Recognize and identify hazardous materials and precautionary procedures.
23.	Identify signs and symptoms and care techniques for heat emergencies, hypothermia and water related emergencies.
24.	Identify procedures to deal with abnormal behavior and substance abuse patients.

25.	Describe dealing with death and near death situations as a first responder.
26.	Identify, demonstrate, and practice the procedures for lifting and transfer of patients.
27.	Identify and practice the principles of patient triage.
28.	Identify procedures of patient extrication from vehicles.
29.	Identify the components of ambulance operations.
30.	Identify the components of reports and documents associated with emergency care.
31.	Identify communication processes associated with the operations of an Emergency Medical Services System.
32.	Identify communicable disease transmission and the universal precautions associated with Bloodborne and airborne pathogens.

## **Lecture**

### **Instructor Equipment List**

Projection screen  
Chalkboard or marker board  
Overhead projector  
Slide projector  
TV/VCR

## **Skills**

### **Instructor Equipment List**

Padded arm splints  
Wire ladder splints  
Triangular bandages  
Adult CPR manikin  
Child CPR manikin  
Infant CPR manikin  
Disinfectant  
Adhesive tape  
Blankets  
4X4 gauze pads  
Roller bandages  
Stethoscope and blood pressure cuff  
Bag valve mask (adult)  
Bag valve mask (pediatric)  
Airways (oral)  
Air splints  
Universal precautions kit  
Instructional kit  
Projector screen  
Chalkboard or marker board  
Overhead projector  
Slide projector  
TV/VCR

### **Student Equipment List**

Text with workbook  
Universal precautions kit  
CPR pocket mask

**Old FRT Number: 470 / FRT 151**