I. FSM MISSION STATEMENT

The mission of the Public Safety Management Program (PSM) is to provide you, the Public Safety professional with highly trained and qualified instructors within the various fields of study in the PSM program. We are committed to the enhancement and advancement of Public Safety professionals through higher education.

II. COURSE DESCRIPTION:

The PALS course gives healthcare professionals the knowledge and skills to better recognize and treat critically ill infants and children. The course uses a scenario-based, team approach to teach pediatric emergency management of pediatric patients approaching or already in respiratory or cardiac arrest. The course covers treatment beyond the first few minutes of an emergency.

- Course uses learning stations for practice of essential skills simulated clinical scenarios that encourage active participation
- Hands-on format reinforces skills proficiency

Course Content: Upon completion of this PALS class the health care provider will be able to understand how to recognize and prevent the common causes of pediatric injuries and emergencies that require resuscitation. You’ll understand how to recognize respiratory failure, shock, and cardiac arrest and initiate advanced resuscitation with airway and ventilation control, vascular access, fluid and medication therapy and identify and treat rhythm disturbances.

- Recognition and treatment of infants and children at risk for cardio-pulmonary arrest
- The systematic approach to pediatric assessment
- Effective respiratory management
- Validate skills for 1 and 2-person CPR and AED skills for infant and child
- Defibrillation and synchronized cardioversion
- Intraosseous access and fluid bolus administration
- Effective resuscitation team dynamics

Audience: For healthcare providers who initiate and direct advanced life support in pediatric emergencies. For students seeking first-time or Recertification credentialed PALS training

III. PREREQUISITE

All students must, in addition to SIU requirements, possess a valid CPR card for Healthcare Providers and Illinois EMT-B License through the entire time enrolled. If student possesses a valid NREMT license they must obtain an IL Basic License by week one of this class. It will be valid for 4 years or until student completes the Paramedic Exam.

A basic A& P class and Medical Terminology class is strongly recommended prior to beginning the Paramedic Classes.
IV. REQUIRED TEXTBOOK:

Nancy Caroline’s Emergency Care in the Streets Premier Package
ISBN-13 9781284038316

• BIBLIOGRAPHY:

Once the online account is created the above book will be used throughout the series. Supplemental books will be introduced as recommended or required throughout the series of courses. The above is the only requirement for PSM 101.

Pediatric Advanced Life Support Provider Manual By American Heart Association Product Code 90-1052EB

V. COURSE OBJECTIVES:

Each student will:

PALS Course Objectives

Course Objectives
Simulations are designed to reinforce the following concepts:
1. Identification and treatment of problems that place the child at risk for cardiac arrest
2. Application of a systematic approach to pediatric assessments
3. Use of the “evaluate-identify-intervene” sequence
4. Use of PALS algorithms and flowchart
5. Demonstration of effective resuscitation team dynamics

Cognitive Objectives
At the conclusion, participants should be able to:
1. Describe the timely recognition and interventions required to prevent respiratory and cardiac arrest in any pediatric patient
2. Describe the systematic approach to pediatric assessment by using the initial impression, primary and secondary assessments and diagnostic tests
3. Describe priorities and specific interventions for infant and children with respiratory and or circulatory emergencies
4. Explain the importance of effective team dynamics, including individual roles and responsibilities, during a pediatric resuscitation
5. Describe the key elements of post-resuscitation management

Psychomotor Objectives
At the conclusion, participants should be able to:

1. Perform effective high-quality cardiopulmonary resuscitation (CPR) when appropriate
2. Perform effective respiratory management within your scope of practice
3. Select and apply appropriate cardiorespiratory monitoring
4. Select and administer the appropriate medications and electrical therapies when presented with an arrhythmia scenario
5. Establish rapid vascular access to administer fluid and medications
6. Demonstrate effective communications and team dynamics both as a team member and as a team leader