



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Workforce Development

COURSE: EMS 2400 Pediatric Emergencies for the Prehospital Provider

Date: Fall 2022

Credit Hours: 1

Complete all that apply or mark "None" where appropriate:

Prerequisite(s): Admission to the Paramedic program.

Enrollment by assessment or other measure? Yes No

If yes, please describe:

Corequisite(s): EMS 2240

Pre- or Corequisite(s): None

Consent of Instructor: Yes No

Delivery Method: **Lecture** 1 **Contact Hours** (1 contact = 1 credit hour)
 Seminar 0 **Contact Hours** (1 contact = 1 credit hour)
 Lab 0 **Contact Hours** (2-3 contact = 1 credit hour)
 Clinical 0 **Contact Hours** (3 contact = 1 credit hour)
 Online
 Blended
 Virtual Class Meeting (VCM)

Offered: **Fall** **Spring** **Summer**

CATALOG DESCRIPTION and IAI NUMBER (if applicable):

Pediatric Education for Prehospital Professionals (PEPP) is an evidence-based resource of essential medical content for the assessment and management of infants and children in the field. PEPP is designed to give prehospital professionals the knowledge, skills, and confidence they need to effectively assess and manage pediatric patients.

ACCREDITATION STATEMENTS AND COURSE NOTES:

The goal of the EMS program is to prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

COURSE TOPICS AND CONTENT REQUIREMENTS:

- I. Skill Stations
 - a. Airway Management
 - b. Trauma Assessment & Management
 - c. Resuscitation Skill
- II. Small Group Discussions
 - a. Children with special healthcare needs
 - b. Child and family interaction
 - c. Behavioral emergencies
 - d. Cardiovascular emergencies
- III. Role Play Activities
 - a. Respiratory cases
 - b. Neonatal cases

INSTRUCTIONAL METHODS:

Lecture

Skills lab hands on practice

Small Group Scenarios

EVALUATION OF STUDENT ACHIEVEMENT:

To successfully complete the course the student must:

1. Review the procedural skills video clips and complete the pre-course online modules
2. Participate in the complete course
3. Pass the written exam with a score of 80% or better.

INSTRUCTIONAL MATERIALS:

Textbooks

American Academy of Pediatrics. (2021). *Pediatric Education for PreHospital Professionals* (Fourth ed.). (S. Fuchs, & M. McEvoy, Eds.) Burlington, MA: Jones & Bartlett Learning.

Resources

None

LEARNING OUTCOMES AND GOALS:

Institutional Learning Outcomes

- 1) Communication – to communicate effectively;
- 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;

- 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;
- 4) Responsibility – to recognize how personal choices affect self and society.

Course Outcomes and Competencies

By the end of the course the student will:

1. Differentiate the elements of the Pediatric Assessment Triangle (PAT).
2. Using the PAT and assessment of a pediatric patient using the ABCDE approach formulate a treatment plan for a sick or injured child.
3. Explain the most common complications associated with assistive devices.
4. Identify the conditions and the correct interventions when complication jeopardize the health of the mother or newborn during childbirth.