

6/18/2025

DATE

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REQUIRED COURSE

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ELECTIVE COURSE

AHD DIVISION

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NEW COURSE

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REVISION

# Lake Land College

## Course Information Form

<b>COURSE NUMBER:</b>	EMS-064	<b>TITLE: (30 Characters Max)</b>	Paramedic Care Skills I						
<b>SEM CR HRS:</b>	4.0	<b>Lecture:</b>	1.5	<b>Lab:</b>	5.0	<b>ICCB Lab:</b>	5.0	<b>ECH:</b>	6.5
<b>Course Level:</b>	<input type="checkbox"/> Gen Ed/IAI <input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> Baccalaureate/Non-IAI <input type="checkbox"/> Dev Ed/Not in Degree Audit			<b>Clinical Practicum:</b>	0.0	<b>Work-based Learning:</b>	0.0	<b>WBL ECH:</b>	0.0
<b>Course PCS &amp; CIP:</b>	12 - 51.0904		<b>IAI Code:</b>	N/A		<b>Contact Hours (Minutes/Week)</b>			
<b>Repeatable (Y/N):</b>	Y	<b>Pass/Fail (Y/N):</b>	N	<b>Variable Credit (Y/N):</b>	N	<b>Min:</b>		<b>Max:</b>	
<b>Prerequisites:</b>	EMS-047, EMS-048 and EMS-049 or EMT License and BIO-050 or BIO-225								
<b>Corequisites:</b>	Concurrently enrolled in EMS-061 and EMS-068								
<b>Catalog Description: (40 Word Limit)</b>	This course provides the paramedic student with the skills needed to manage a trauma patient, including immobilization and splinting techniques, airway management, extrication techniques and bleeding control. (Repeatable 3 Times)								

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Assessment	2	4		
Airway	3.5	12		
Advanced Airway Management	3	15		
Surgical Airway	2	3		
IV Therapy	3	15		
Bleeding Control	2	5		
Obstetrics	2	9		
Needle Decompression	2	2		
Extrication Techniques	2	4		
Immobilization and Splinting Techniques	1	6		
<b>TOTAL</b>	<b>22.5</b>	<b>75</b>	<b>0</b>	<b>0</b>

EVALUATION			
<b>QUIZZES</b> <input checked="" type="checkbox"/>	<b>EXAMS</b> <input checked="" type="checkbox"/>	<b>ORAL PRES</b> <input type="checkbox"/>	<b>PAPERS</b> <input type="checkbox"/>
<b>LAB WORK</b> <input type="checkbox"/>	<b>PROJECTS</b> <input type="checkbox"/>	<b>COMP FINAL</b> <input checked="" type="checkbox"/>	<b>OTHER</b> <input type="checkbox"/>

COURSE MATERIALS	
<b>TITLE:</b>	Sander's Paramedic Textbook
<b>AUTHOR:</b>	Mick J. Sanders, American Academy of Orthopedic Surg
<b>PUBLISHER:</b>	Jones and Bartlett
<b>VOLUME/EDITION/URL:</b>	6th edition
<b>COPYRIGHT DATE:</b>	2025

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Assessment	6	1. Perform a medical history. 2. Demonstrate focus and detailed assessment. 3. Demonstrate medical and trauma assessment.
Airway	15.5	1. Demonstrate insertion of OPA, NPA, BIADS. 2. Demonstrate ventilation techniques. 3. Demonstrate proper use of supplemental oxygenation. 4. Verbalize signs of airway obstruction. 5. Demonstrate airway poisoning. 6. Demonstrate use of advanced airway adjuncts. 7. Describe techniques of artificial ventilation. 8. Demonstrate use of pulse oximetry and exhaled CO2 monitoring. 9. Discuss appropriate use of Continuous Positive Airway Pressure.

Advanced Airway Management	18	<ol style="list-style-type: none"> <li>1. Demonstrate proper use of BVM.</li> <li>2. Demonstrate how to size and properly insert an OPA, NPA.</li> <li>3. Demonstrate how to properly suction all age groups with soft and hard tip suction catheters.</li> <li>4. Demonstrate proper insertion of BIAD devices.</li> <li>5. Demonstrate direct oral, digital and nasal intubation.</li> <li>6. Demonstrate how to properly perform retrograde, video and indirect intubation.</li> </ol>
Surgical Airway	5	<ol style="list-style-type: none"> <li>1. Identify signs and symptoms of pneumothorax.</li> <li>2. Describe indications, contraindications and complications for needle decompression.</li> <li>3. Demonstrate needle decompression and alternative sites.</li> <li>4. Verbalize signs and symptoms of cardiac tamponade.</li> <li>5. Verbalize indications, contraindications and complications for pericardiocentesis.</li> <li>6. Demonstrate proper procedure for performing pericardiocentesis and recognition of clinical improvement.</li> <li>7. Verbalize signs and symptoms of the need for a quick trachea or cricothyrotomy.</li> <li>8. Perform quick trachea or cricothyrotomy and recognition of clinical improvement.</li> </ol>
IV Therapy	18	<ol style="list-style-type: none"> <li>1. Perform IV drip calculations.</li> <li>2. Verbalize rationale for IV access.</li> <li>3. Distinguish differences between venous access devices.</li> <li>4. Initiate IV insertion.</li> <li>5. Verbalize legal considerations.</li> <li>6. Verbalize principles of medication administration.</li> <li>7. Demonstrate parenteral administration of IV medications.</li> <li>8. Demonstrate proper site selection, gauge and tubing sizes.</li> <li>9. Differentiate IV fluids, hypotonic, hypertonic and isotonic fluids.</li> <li>10. Verbalize complications of IV therapy.</li> <li>11. Perform intraosseous infusion/insertion.</li> </ol>
Bleeding Control	7	<ol style="list-style-type: none"> <li>1. Verbalize the concept of bandaging.</li> <li>2. Demonstrate the use of bandaging and bleeding control.</li> <li>3. Differentiate indications and contraindications of bandaging and bleeding control including the use of a tourniquet.</li> </ol>
Obstetrics	11	<ol style="list-style-type: none"> <li>1. Demonstrate steps for uncomplicated childbirth.</li> <li>2. Demonstrate steps for complicated childbirth.</li> <li>3. Demonstrate steps for a distressed newborn.</li> </ol>
Needle Decompression	4	<ol style="list-style-type: none"> <li>1. Identify the signs and symptoms of a tension pneumothorax.</li> <li>2. Identify specific landmarks for performing a needle decompression.</li> <li>3. Demonstrate proper aseptic cleaning technique at the insertion site.</li> <li>4. Perform needle decompression at the midclavicular and the anterior axillary lines.</li> </ol>
Extrication Techniques	6	<ol style="list-style-type: none"> <li>1. Verbalize what tools are used for rescue operation.</li> <li>2. Demonstrate how to properly remove patient from unusual circumstances.</li> <li>3. Verbalize how to safely access a vehicle.</li> <li>4. Verbalize how to safely stabilize a vehicle.</li> </ol>

Immobilization and Splinting Techniques	7	1. Recognize the signs and symptoms of spinal cord injury. 2. Verbalize indications and contraindications of traction devices and spinal immobilization equipment. 3. Demonstrate the use of traction devices and spinal immobilization equipment. 4. Demonstrate the use of proper fitting equipment. 5. Demonstrate use of spinal immobilization
	97.5	

Outcomes*	Outcome Title	At the successful completion of this course, students will be able to:
Course Outcome	Endotracheal Tube	Demonstrate airway management with endotracheal tube.
Course Outcome	CryChestDecPericard	Demonstrate safe performance of Cry (surgical and needle), chest decompression and pericardiocentesis.
Course Outcome	Aseptic Safe Insert	Demonstrate aseptic technique and safe insertion of IV/IO or implanted infusion device.
Course Outcome	Trauma Plan Emerg	Develop treatment plans for patients in traumatic emergency situations.
Course Outcome	Manage Patient Labor	Manage a patient during labor and delivery of a baby with complications and without complications.
Program Outcome	Trauma Plan Ages	Implement treatment plans for patients of all ages in traumatic emergency situations.
Primary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions.	
Secondary Laker Learning Competency	Professional Skills & Ethics: Students demonstrate professional skills and ethical accountability.	

\*Course and program outcomes will be used in the software for outcomes assessment and should include at least 1 primary and 1 secondary Laker Learning Competency. Limit to 3-5.