

# Life-Savers, Inc.

## Syllabus

### Emergency Medical Technician Course

Corresponding to the 2009 D.O.T. National Scope of Practice Curriculum EMT

149 contact hours

Agency – **Life-Savers, Inc.**

Location of Course City - **Louisville**

Course Lead Instructor – **Joe Welsh, 1049301**  
Course Asst. Instructors – Virgil Hahn, Butch Sample,  
Wayne Trigg

Site of Class – **PRP FD Training Center**  
**8201 Greenwood Rd.Lou., KY 40258**

Course # **014-16-04-B**

Course Textbook Title – **AAOS Emergency Care & Transportation of the Sick and Injured, eleventh edition**

Course Starting Date – **October 12, 2016**

Course Ending Date – **March 8, 2017**

<b>Lesson # / Date</b>	<b>Reading Assignment / Activity</b>	<b>Hours</b>
<b>Section 1 Preparatory</b>		
<b>Lesson 1</b> <b>Wednesday, Oct. 12</b> <b>6:00pm – 10:00pm</b>	pp. 4 – 83 / Chapters 1-2 EMS Systems Workforce Safety & Wellness, HIV/AIDS Awareness	2.0 hours lecture 2.0 hours lecture
<b>Lesson 2</b> <b>Monday, Oct. 17</b> <b>6:00pm – 10:00pm</b>	pp. 78- 151 / Chapters 3-4 Medical, Legal & Ethical Issues Communications and Documentation	2.0 hours lecture 2.0 hours lecture
<b>Lesson 3</b> <b>Wednesday, Oct. 19</b> <b>6:30pm – 9:30pm</b>	pp. 152 – 239 / Chapters 5-6 Medical Terminology The Human Body	1.0 hour lecture 2.0 hours lecture
<b>Lesson 4</b> <b>Monday, Oct. 24</b> <b>6:00pm – 10:00pm</b>	pp. 179 - 240 The Human Body (conclusion) Life Span Development Practical Skills: Vital Signs	2 hours lecture 1 hour lecture 1 hour skills
<b>Lesson 5</b> <b>Wednesday, Oct. 26</b> <b>6:00pm – 10:00pm</b>	pp. 260 - 307 Lifting & Moving Patients Lifting and Moving Patients Wheeled Stretcher Operations	1 hour lecture 2 hours skills 1 hour skills
<b>Lesson 6</b> <b>Wednesday, Nov.2</b> <b>6:30pm – 9:30pm</b>	pp. 4 -307 **** <i>Written Evaluation I</i> ****	<b>3 hours</b>
<b>Section II Patient Assessment</b>		
<b>Lesson 7</b> <b>Monday, Nov. 7</b> <b>6:00pm – 10:00pm</b>	pp. 312 - 379 Patient Assessment Patient Assessment Practical Skills	3 hours lecture 1 hour skills
<b>Lesson 8</b> <b>Wednesday, Nov. 9</b> <b>6:30pm –9:30pm</b>	pp. 312 – 379 Patient Assessment Practical Skills	3 hours skills

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<b>Lesson # / Date</b>	<b>Reading Assignment / Activity</b>	<b>Hours</b>
<b>Section III Airway</b>		
<b>Lesson 9</b> <b>Monday, Nov. 14</b> <b>6:00pm – 10:00pm</b>	pp. 386 - 446 Airway Management Practical Skills Lab: Airway Management	3 hours Lecture 1 hour skills
<b>Lesson 10</b> <b>Wednesday, Nov. 16</b> <b>6:30pm – 9:30pm</b>	pp. 386 - 446 Practical Skills Lab: Airway Management	3 hours skills
<b>Lesson 11</b> <b>Monday, Nov. 21</b> <b>6:00pm – 10:00pm</b>	pp. 4 - 446 **** <i>Written Evaluation II</i> **** Practical Skills Lab: Open Practice	<b>2 hours</b> 2 hours skills
<b>Section IV Pharmacology</b>		
<b>Lesson 12</b> <b>Monday, November 28</b> <b>6:30pm – 9:30pm</b>	pp. 454 – 377 Principles of Pharmacology Practical Skills Lab: Open Practice	1 hour lecture 2 hours skills
<b>Section V Shock &amp; Resuscitation</b>		
<b>Lesson 13</b> <b>Wednesday, Nov. 30</b> <b>6:00pm – 10:00pm</b>	pp. 486 - 554 Shock BLS Resuscitation Practical Skill Lab: Shock and Resuscitation	2 hours lecture 1 hour lecture 1 hour skills
<b>Lesson 14</b> <b>Monday, Dec. 5</b> <b>6:00pm – 10:00 pm</b>	pp. 4 - 554 **** <i>Written Evaluation III</i> **** HIPAA for Ambulance Providers	<b>2 hours</b> 2 hours lecture
<b>Section VI Medical</b>		
<b>Lesson 15</b> <b>Wednesday, Dec. 7</b> <b>6:00pm – 10:00pm</b>	pp. 560 - 623 Medical Overview Respiratory Emergencies Administration of Albuterol using nebulizer (KBEMS-43)	1 hour lecture 2 hours lecture 1 hour skills
<b>Lesson 16</b> <b>Monday, Dec. 12</b> <b>6:30pm – 9:30pm</b>	pp.628 - 673 Cardiovascular Emergencies (12-Lead acquisition and transmittal (KBEMS-E35) Practical Skills Lab: Cardiovascular Emergencies (AED)	2 hours lecture 1 hour skills
<b>Lesson 17</b> <b>Wednesday, Dec. 14</b> <b>6:00pm – 10:00pm</b>	pp. 1495 - 1500 ALS Techniques (Advanced Airway / BIAD) (KBEMS-37) Non-Invasive ET/CO <sub>2</sub> Monitoring device (KBEMS-E39) Advanced Airway management & Monitoring & Securing an ETT (KBEMS-38) Practical Skills Lab: Advanced Airway	1 hour lecture .5 hour lecture .5 hour lecture 2 hours skills

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<b>Lesson 18</b> <b>Monday, Dec. 19</b> 6:30pm – 9:30pm	pp. 4 - 673 Practical Skills Lab: Open Practice	3.0 hours skills
<b>Lesson 19</b> <b>Monday, Dec. 26</b> 6:30pm – 9:30pm	pp. 674 - 725 Neurological Emergencies Gastrointestinal and Urological Emergencies Practical Skills Lab: Open Practice	1.0 hour lecture 1.0 hour lecture 1.0 hour skills
<b>Lesson 20</b> <b>Wednesday, Dec. 28</b> 6:00pm – 10:00pm	pp. 726 - 769 Endocrine and Hematological Emergencies Sampling of blood glucose using a glucometer (KBEMS-41) Immunological Emergencies Practical Skills Lab: Open Practice	1.5 hour lecture .5 hour lecture 1.0 hour lecture 1.0 hour skills 2 hour skills
<b>Lesson 21</b> <b>Monday, Jan. 2</b> 6:30pm – 9:30pm	pp. 770 - 801 Toxicology Administration of Naloxone using nasal atomization device (KBEMS-E36) Administration of Epinephrine (KBEMS-E42)	1 hour lecture 1 hour lecture 1 hour lecture
<b>Lesson 22</b> <b>Wednesday, Jan. 4</b> 6:30pm – 9:30pm	pp. 802 - 843 Psychiatric Emergencies Gynecological Emergencies Practical Skills Lab: Open Practice	1.0 hour lecture 1.0 hour lecture 1.0 hour skills
<b>Lesson 23</b> <b>Monday, Jan. 9</b> 6:30pm – 9:30pm	pp. 4 - 843 Practical Skills Lab: Open Practice	3 hours skills
<b>Lesson 24</b> <b>Wednesday, Jan. 11</b> 6:00pm – 10:00pm	pp. 4 - 843 <b>****Written Evaluation IV****</b> Practical Skills: Open Practice	<b>2 hours</b> 2 hours skills
<b>Section VII Trauma</b>		
<b>Lesson 25</b> <b>Monday, Jan. 16</b> 6:30pm – 9:30pm	pp. 846 - 903 Trauma Overview Bleeding Practical Skills Lab: Open Practice	1 hour lecture 1 hour lecture 1 hour skills
<b>Lesson 26</b> <b>Wednesday, Jan. 18</b> 6:30pm – 9:30pm	pp. 904 - 979 Soft Tissue Injuries Face and Neck Injuries Practical Skills Lab: Open Practice	1 hour lecture 1 hour lecture 1 hour skills

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<b>Lesson# Date</b>	<b>Reading Assignment / Activity</b>	<b>Hours</b>
<b>Lesson 27</b> <b>Monday, Jan. 23</b> <b>6:30pm – 9:30pm</b>	pp. 904 - 979 Practical Skills Lab: Soft Tissue Injuries	3 hours skills
<b>Lesson 28</b> <b>Wednesday, Jan. 25</b> <b>6:00pm – 10:00pm</b>	pp. 980 - 1030 Head and Spine Injuries Practical Skills Lab: Head and Spine Injuries	2 hours lecture 2 hours skills
<b>Lesson 29</b> <b>Monday, Jan. 30</b> <b>6:30 – 9:30pm</b>	pp. 1030 - 1085 Chest Injuries Abdominal and Genitourinary Injuries	1.5 hours lecture 1.5 hours lecture
<b>Lesson 30</b> <b>Wednesday, Feb. 1</b> <b>6:00pm – 10:00pm</b>	pp. 1086 - 1139 Orthopaedic Injuries Practical Skills Lab: Orthopaedic Injuries	2 hours lecture 2 hours skills
<b>Lesson 31</b> <b>Monday, Feb. 6</b> <b>6:30pm – 9:30pm</b>	pp. 1086 - 1139 Practical Skills Lab: Orthopaedic Injuries	3 hours skills
<b>Lesson 32</b> <b>Wednesday, Feb. 8</b> <b>6:30pm – 9:30pm</b>	pp. 1140 - 1179 Environmental Emergencies Practical Skills Lab: Open Practice	2 hours lecture 1 hour skills
<b>Lesson 33</b> <b>Monday, Feb. 13</b> <b>6:00pm – 10:00pm</b>	pp. 4 - 1179 <b>****Written Evaluation V****</b> Practical Skills Lab: Open Practice	<b>2 hours</b> 2 hours skills
<b>Section VIII Special Patient Populations</b>		
<b>Lesson 34</b> <b>Wednesday, Feb. 15</b> <b>6:00pm – 10:00pm</b>	pp. 1182 - 1217 Obstetrics and Neonatal Care Practical Skills Lab: Open Practice	3 hours lecture 1 hour skills
<b>Lesson 35</b> <b>Monday, Feb. 20</b> <b>6:30pm - 9:30pm</b>	pp. 1216 - 1281 Pediatric Emergencies Practical Skills Lab: Open Practice	2 hours lecture 1 hour skills
<b>Lesson 36</b> <b>Wednesday, Feb. 22</b> <b>6:30pm – 9:30pm</b>	pp. 1282 - 1347 Geriatric Emergencies Patients with Special Challenges Practical Skills Lab: Open Practice	1 hour lecture 1 hour lecture 1 hour skills
<b>Lesson 37</b> <b>Monday, Feb. 27</b> <b>6:30pm – 9:30pm</b>	pp. 1500 - 1504 Pre-hospital Maintenance of pre-established Intravenous Infusion (I.V.) Saline lock IV Infusion Site (KBEMS-E40) Practical Skills Lab: Open Practice	1 hour lecture 1 hours lecture 1 hour skills

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<b>Lesson#</b>	<b>Date</b>	<b>Reading Assignment / Activity</b>	<b>Hours</b>
<b>Section IX EMS Operations</b>			
<b>Lesson 38</b>		pp. 1350 - 1409	
<b>Wednesday, March 1</b>		Transport Operations	1 hour lecture
<b>6:00pm – 10:00pm</b>		Vehicle Extrication and Special Rescue	1 hour lecture
		Practical Skills Lab: Open Practice	2 hour skills
<b>Lesson 39</b>		pp. 1410 - 1485	
<b>Monday, March 6</b>		Incident Management	1 hour lecture
<b>6:30pm – 9:30pm</b>		Terrorism Response and Disaster Management	2 hours lecture
<b>Lesson 40</b>		pp. 4 - 1581	
<b>Wednesday, March 8</b>		<b>**** Final Written Evaluation ****</b>	<b>2 hours</b>
<b>6:00pm – 10:00pm</b>		Practical Skills Lab: Open Practice	2 hours skills
<b>Make-up Day 1</b>			
<b>Monday, March 13</b>		Practical Skills Lab: Open Practice	3 hours skills
<b>6:30pm – 9:30pm</b>			
<b>Make-up Day 2</b>			
<b>Wednesday, March 15</b>		Practical Skills Lab: Open Practice	3 hours skills
<b>6:30pm – 9:30pm</b>			
<b>Practical Skills Testing</b>		<b>**** National Registry Practical Skills Evaluation****</b>	
<b>Saturday, March 18</b>			
<b>8:00am – until completed</b>			

Completion of 12 hours of ambulance ride time with Louisville Metro EMS or Anchorage EMS must be completed after Lesson #14 and before lesson #40