OSDH – EMS
EMERGENCY MEDICAL TECHNICIAN

Recommended Training Hours for
National Education Standard

OSDH
2011

Approved: Oklahoma Training and Licensure SubCommittee November 17th, 2011
First Revision 12/19/11 [added Monitoring Devices in Assessment and Hematology in Medicine]
INTRODUCTION:

Oklahoma is committed to the implementation of the EMS Education Agenda for the Future:

HISTORY:

The *EMS Education for the Future: A Systems Approach* establishes a system of EMS education that more closely parallels that of other health care professions. As part of this systems approach, the *National EMS Scope of Practice Model* calls for the reconfiguration of EMS provider levels in the United States. Oklahoma has opted to follow the *Scope of Practice Model*, as published by the National Highway Traffic Safety Administration's (NHTSA) Office of Emergency Medical Services. Therefore we have adopted the *National EMS Education Standards* which have been published by NHTSA in conjunction with the above. You may download the *Standard* and accompanying *Instructor Guidelines* at <ems.gov>.

Name Change: [Oklahoma has already changed this in our Rules]

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<th>New Level</th>
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<td>Emergency Medical Technician [NREMT]</td>
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**CURRENT CHANGES TO National Registry TESTING**

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<th>Last date course based on NSC could finish</th>
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The EMT training modalities have already changed as of September 30th of this year. You can ‘download’ the National Education Standard and the accompanying “Emergency Medical Technician Instructional Guidelines” [IGs] from the National Highway Traffic Safety Administration web site

http://ems.gov/education/nationalstandardandnecs.html

It will be a requirement that you have a copy of the “Instructor Guidelines” for this level of training! You as an Instructor will use this for entry level classes [EMT] and the “Transition Courses” when they are available later this 2011 Fall.

If you have any questions, please feel free to contact us at (405)271-4027 or by email at <roberti@health.ok.gov>
EMERGENCY MEDICAL TECHNICIAN STANDARDS:

Emergency Medical Technician
The primary focus of the Emergency Medical Technician is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Emergency Medical Technicians function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Technicians perform interventions with basic equipment typically found on an ambulance. The Emergency Medical Technician is a link from the scene to the emergency health care system.

THE STANDARD FOR EMT:
Preparatory
Applies fundamental knowledge of the EMS system, safety/well-being of the EMT, medical/legal and ethical issues to the provision of emergency care.

EMS Systems:
Simple depth, foundational breadth
EMR Material PLUS
- EMS systems
- History of EMS
- Roles/responsibilities/professionalism of EMS personnel
- Quality improvement
- Patient Safety

Research
Simple depth, simple breadth
EMR Material PLUS
- Evidence-based decision making

Workforce Safety and Wellness
Simple depth, simple breadth
EMR Material PLUS
- Standard safety precautions
- Personal protective equipment
- Stress management
  - Dealing with death and dying
- Prevention of work related injuries
- Lifting and moving patients
- Disease transmission
- Wellness principles

Documentation
Fundamental depth, foundational breadth
EMR Material PLUS
- Principles of medical documentation and report writing

EMS System Communication
Simple depth, simple breadth
EMR Material PLUS
- Communication with other health care professionals
- Team communication and dynamics

Therapeutic Communication
Simple depth, simple breadth
EMR Material PLUS
- Principles of communicating with patients in a manner that achieves a positive relationship
  - Adjusting communication strategies for age, stage of development, patients with special needs, and differing culture
Fundamental depth, foundational breadth
  Interviewing techniques
  Verbal defusing strategies
  Family presence issues

**Medical/Legal and Ethics**
Fundamental depth, foundational breadth
EMR Material PLUS
  Consent/refusal of care
  Confidentiality
  Advanced directives
  Tort and criminal actions
  Evidence preservation
  Statutory responsibilities
  Mandatory reporting
  Ethical principles/moral obligations

**Anatomy and Physiology**
Applies fundamental knowledge of the anatomy and function of all human systems to the practice of EMR

**Medical Terminology**
Uses foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals

**Pathophysiology**
Applies fundamental knowledge of the Pathophysiology of respiration and perfusion to patient assessment and management.

**Life Span Development**
Applies fundamental knowledge of life span development to patient assessment and management.

**Public Health**
Uses simple knowledge of the principles of illness and injury prevention in emergency care.

**Pharmacology**
Applies fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency

  **Principles of Pharmacology**
  Simple depth, simple breadth
  Medication safety
  Kinds of medications used during an emergency

  **Medication Administration**
  Fundamental depth, foundational breadth
  EMR Material PLUS
  Within the scope of practice of the EMT, how to
  Assist/administer medications to a patient
Emergency Medications
Fundamental depth, foundational breadth
EMR Material PLUS
Within the scope of practice of the EMR
  Names
  Actions
  Indications
  Contraindications
  Complications
  Routes of administration
  Side effects
  Interactions
  Dosages for the medications administered

Airway Management, Respiration and Artificial Ventilation
Applies knowledge (fundamental depth, foundational breadth) of general anatomy and physiology to patient assessment and management in order to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.

Airway Management
Fundamental depth, foundational breadth
EMR Material PLUS
Within the scope of practice of the EMR
  Airway anatomy
  Airway assessment
  Techniques of assuring a patent airway

Respiration
Fundamental depth, foundational breadth
EMR Material PLUS
  Anatomy of the respiratory system
  Physiology and Pathophysiology of respiration
    Pulmonary ventilation
    Oxygenation
    Respiration
      External
      Internal
      Cellular
    Assessment and management of adequate and inadequate respiration
    Supplemental oxygen therapy

Artificial Ventilation
Fundamental depth, foundational breadth
EMR Material PLUS:
  Assessment and management of adequate and inadequate ventilation
    Artificial ventilation
    Minute ventilation
    Alveolar ventilation
    Effect of artificial ventilation on cardiac output

Assessment
Applies scene information and patient assessment findings (scene size up, primary and secondary assessment, patient history, and reassessment) to guide emergency management

Scene Size-UP
Fundamental depth, foundational breadth
EMR Material PLUS
  Scene management
Multiple patient situations

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**Primary Assessment**
Fundamental depth, simple breadth
EMR Material PLU
  Primary assessment for all patient situations
    Initial general impression
    Level of consciousness
    ABCs
    Identifying life threats
    Assessment of vital functions
  Integration of treatment/procedures needed to preserve life

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**History Taking**
Fundamental depth, foundational breadth
EMR Material PLUS
  Investigation of the chief complaint
  Mechanism of injury/nature of illness
  Past medical history
  Associated signs and symptoms
  Pertinent negatives

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**Secondary Assessment**
Fundamental depth, foundational breadth
EMR Material PLUS
  Techniques of physical examination
    Respiratory system
      Presence of breath sounds
    Cardiovascular system
    Neurological system
    Musculoskeletal system
    All anatomical regions

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**Monitoring Devices**
Simple depth, simple breadth
Within the scope of practice of the EMT
  Obtaining and using information from patient monitoring devices including (but not limited to)
    Pulse Oximetry
    Non-invasive blood pressure

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**Reassessment**
Fundamental depth, foundational breadth
EMR Material PLUS
  How and when to perform a reassessment for all patient situations

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**Medicine**
Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.

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**Medical Overview**
Simple depth, foundational breadth
EMR Material PLUS:
  Pathophysiology, assessment, and management of a medical complaint to include
    Transport mode
    Destination decisions

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**Neurology**
Fundamental depth, Foundational breadth
EMR Material PLUS:
Anatomy, physiology, Pathophysiology, assessment, and management of
  Stroke/transient ischemic attack
  Seizure
  Status epileptics
  Headache

**Abdominal and Gastrointestinal Disorders**
Fundamental depth, foundational breadth
EMR Material PLUS:
  Anatomy, physiology, pathophysiology, assessment and management of
    Acute and chronic gastrointestinal hemorrhage
Simple depth, simple breadth
  Peritonitis
  Ulcerative diseases

**Immunology**
Fundamental depth, foundational breadth
EMR Material PLUS:
  Anatomy, physiology, pathophysiology, assessment, and management of hypersensitivity disorders and/or emergencies
    Anaphylactic reactions

**Infectious Diseases**
EMR Material PLUS:
  Simple depth, simple breadth
    Assessment and management of
      A patient who may have an infectious disease
      How to decontaminate the ambulance and equipment after treating a patient

**Endocrine Disorders**
Fundamental depth, foundational breadth
EMR Material PLUS:
  Anatomy, physiology, pathophysiology, assessment and management of
    Acute diabetic emergencies

**Psychiatric**
Simple depth, simple breadth
EMR Material PLUS:
  Basic principles of the mental health system
Fundamental depth, foundational breadth
  Assessment and management of
    Acute psychosis
    Suicidal / risk
    Agitated delirium

**Cardiovascular**
EMR Material PLUS:
  Anatomy, physiology, pathophysiology, assessment and management of
Simple depth, simple breadth
  Heart failure
  Hypertensive emergencies
Fundamental depth, foundational breadth
  Acute coronary syndrome
    Angina pectoris
    Myocardial infarction
  Aortic aneurysm / dissection
  Thromboembolism
Toxicology
Fundamental depth, foundational breadth
EMR Material PLUS:
Anatomy, physiology, pathophysiology, assessment and management of
Inhaled poisons
Ingested poisons
Injected poisons
Absorbed poisons
Alcohol intoxication and withdrawal

Respiratory
EMR Material PLUS:
Anatomy, physiology, pathophysiology, assessment and management of
Simple depth, simple breadth
Pertussis Cystic
fibrosis Pulmonary
embolism Pneumonia
Viral respiratory infections
Fundamental depth, foundational breadth
Epiglottitis
Spontaneous pneumothorax
Pulmonary edema
Asthma
Chronic obstructive pulmonary disease
Environmental / industrial exposure
Toxic gas

Hematology
EMR Material PLUS:
Simple depth, simple breadth
Anatomy, physiology, pathophysiology, assessment and management of
Sickle cell crisis
Clotting disorders

Genitourinary/Renal
EMR Material PLUS:
Simple depth, simple breadth
Anatomy, physiology, pathophysiology, assessment and management of
Complications related to
Renal dialysis
Urinary catheter management (not insertion)
Kidney stones

Gynecology
EMR Material PLUS:
Anatomy, physiology, pathophysiology, assessment and management of
Simple depth, simple breadth
Infections
Fundamental depth, foundational breadth
Vaginal bleeding
Sexual assault (to include appropriate emotional support)

Non-Traumatic Musculoskeletal Disorders
Fundamental depth, foundational breadth
Anatomy, physiology, pathophysiology, assessment and management of
Non-traumatic fractures
**Diseases of the Eyes, Ears, Nose, and Throat**

Same as Previous Level

**Shock and Resuscitation**
Applies fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management

**Trauma**
Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.

**Trauma Overview**
Fundamental depth, foundational breadth
- Pathophysiology, assessment, and management of the trauma patient
  - Trauma scoring
  - Rapid transport and destination issues
  - Transport mode

**Bleeding**
EMR Material PLUS:
Fundamental depth, foundational breadth
- Pathophysiology, assessment, and management of

**Chest Trauma**
EMR Material PLUS:
Fundamental depth, foundational breadth
- Pathophysiology, assessment and management of
  - Blunt versus penetrating mechanisms
  - Hemothorax
  - Pneumothorax
    - Open
    - Simple
    - Tension
  - Cardiac tamponade
  - Rib fractures
  - Flail chest
  - Commotio cordis

**Abdominal and Genitourinary Trauma**
EMR Material PLUS:
Fundamental depth, simple breadth
- Pathophysiology, assessment and management of
  - Solid and hollow organ injuries
  - Blunt versus penetrating mechanisms
  - Evisceration
  - Injuries to the external genitalia
  - Vaginal bleeding due to trauma
  - Sexual assault

**Orthopedic Trauma**
EMR Material PLUS:
Fundamental depth, foundational breadth
- Pathophysiology, assessment and management of
  - Upper and lower extremity orthopedic trauma
    - Open fractures
    - Closed fractures
Dislocations
Sprains / strains
Pelvic fractures
Amputations / replantation

**Soft Tissue Trauma**
EMR Material PLUS:
Fundamental depth, foundational breadth
  Pathophysiology, assessment and management of
  Penetrating neck trauma
  Laryngeotracheal injuries
  Spine trauma
  Chemical
  Thermal
  Chemicals in the eye and on the skin

**Head, Facial, Neck, and Spine trauma**
EMR Material PLUS:
Fundamental depth, foundational breadth
  Pathophysiology, assessment and management of
  Penetrating neck trauma
  Laryngeotracheal injuries
  Spine trauma
  Simple depth, simple breadth
  Facial fractures
  Skull fractures
  Foreign bodies in the eyes
  Dental trauma

**Nervous System**
Fundamental depth, foundational breadth
  Pathophysiology, assessment and management of
  Traumatic brain injury
  Spinal cord injury

**Special Considerations in Trauma**
EMR Material PLUS:
Fundamental depth, foundational breadth
  Pathophysiology, assessment and management of trauma in the
  Pregnant patient
  Pediatric patient
  Geriatric patient
  Cognitively impaired patient

**Environmental Emergencies**
EMR Material PLUS:
Fundamental depth, foundational breadth
  Pathophysiology, assessment, and management of
  Near drowning
  Temperature-related illness
  Bites and envenomations
  Dysbarism
    High altitude
    Diving injuries
  Electrical injury
  Radiation exposure
Multi-System Trauma
EMR Material PLUS:
Fundamental depth, foundational breadth
   Pathophysiology, assessment, and management of
      Multi-system trauma
      Blast injuries

Special Patient Populations
Applies a fundamental knowledge of growth, development, and aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.

Obstetrics
EMR Material PLUS:
Fundamental depth, foundational breadth
   Anatomy and physiology of normal pregnancy
   Pathophysiology of complications of pregnancy
   Assessment of the pregnant patient
   Management of Normal
      delivery Abnormal
      delivery
         Nuchal cord
         Prolapsed cord
         Breech delivery Third
         trimester bleeding
         Placenta previa
         Abruptio placenta
   Spontaneous abortion / miscarriage
   Ectopic pregnancy
   Preeclampsia / Eclampsia

Neonatal care
EMR Material PLUS:
Fundamental depth, foundational breadth
   Assessment and management of
      Newborn
      Neonatal resuscitation

Pediatrics
EMR Material PLUS:
Fundamental depth, foundational breadth
   Age-related assessment findings, age-related, and developmental stage related assessment and treatment modifications for pediatric specific major diseases and/or emergencies
      Upper airway obstruction
      Lower airway reactive disease
      Respiratory distress/failure/arrest
      Shock
      Seizures
      Sudden Infant Death Syndrome
      Gastrointestinal disease

Geriatrics
EMR Material PLUS:
Fundamental depth, foundational breadth
   Changes associated with aging, psychosocial aspects of aging and age-related assessment and treatment modifications for the major or common geriatric diseases and/or emergencies
      Cardiovascular diseases
      Respiratory disease
      Neurological disease
Endocrine diseases
Alzheimer’s
Dementia

Patients with Special Challenges
EMR Material PLUS:
Simple depth, simple breadth
Healthcare implications of
  Abuse Neglect
  Homelessness
  Poverty
  Bariatrics
  Technology dependent
  Hospice / terminally ill
  Tracheostomy care / dysfunction
  Homecare
  Sensory deficit / loss
  Developmental disability

EMS Operations
Same as previous EMR level

Principles of Safely Operating a Ground Ambulance
EMR Material PLUS:
Simple depth, foundational breadth
  Risks and responsibilities of emergency transport

Incident Management
EMR Material PLUS:
Fundamental depth, foundational breadth
  Establish and work within the incident management system

Multiple Casualty Incidents
EMR Material PLUS:
Simple depth, foundational breadth
  Triage
    Performing
    Re- triage
    Destination decisions
    Post traumatic and cumulative stress

Air Medical
Same as Previous EMR Level

Vehicle Extrication
Same as Previous EMR Level

Hazardous Materials Awareness
Same as Previous EMR Level

Mass Casualty Incidents due to Terrorism and Disaster
Same as Previous EMR Level
# NATIONAL EDUCATIONAL STANDARD

*These hours are recommended hours only. The program and training should be based on successful completion of all EMT competencies (didactic, psychomotor and affective domains)*

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<tr>
<th>EMERGENCY MEDICAL TECHNICIAN</th>
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| Shock and Resuscitation          | 6           | 4         | 10          |         |

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<td>2</td>
<td>5</td>
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</tr>
<tr>
<td>*Head, Facial, Neck and Spine</td>
<td>3</td>
<td>3</td>
<td>6</td>
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</tr>
<tr>
<td>Trauma</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Possibly combine this with Nervous System trauma</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Special Considerations in</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Trauma</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nervous System Trauma</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
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<tr>
<td>Environmental Emergencies</td>
<td>4</td>
<td>0</td>
<td>4</td>
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<tr>
<td>Multi-System Trauma</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Oklahoma Trauma Triage</td>
<td>2</td>
<td>0</td>
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<table>
<thead>
<tr>
<th>Special Patient Populations</th>
<th>25</th>
<th>17</th>
<th>42</th>
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<tbody>
<tr>
<td>Obstetrics</td>
<td>4</td>
<td>4</td>
<td>8</td>
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<tr>
<td>Neonatal Care</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Pediatrics</td>
<td>6</td>
<td>6</td>
<td>12</td>
<td>EMS-C Supplement</td>
</tr>
<tr>
<td>Geriatrics</td>
<td>8</td>
<td>4</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Patients with Special Challenges</td>
<td>6</td>
<td>2</td>
<td>8</td>
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</tbody>
</table>

Continued on next page
<table>
<thead>
<tr>
<th>EMERGENCY MEDICAL TECHNICIAN</th>
<th>Classroom Hours</th>
<th>Lab Hours</th>
<th>Total Hours</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS Operations</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Principles of Safely Operating a Ground Ambulance</td>
<td>8</td>
<td>2</td>
<td>10</td>
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<tr>
<td>Incident management</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Co or Pre requisite [see below]</td>
</tr>
<tr>
<td>Multiple Casualty Incidents</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>Jump Start Triage</td>
</tr>
<tr>
<td>Air Medical</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Vehicle Extrication</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>May include EVOC class [but hrs are not included]</td>
</tr>
<tr>
<td>Hazardous Materials Awareness</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Co or Pre requisite [see below]</td>
</tr>
<tr>
<td>Mass Casualty Incidents due to Terrorism and Disaster</td>
<td>2</td>
<td>0</td>
<td>2</td>
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<tr>
<td><strong>EMT TOTALS</strong></td>
<td><strong>140</strong></td>
<td><strong>76</strong></td>
<td><strong>216</strong></td>
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**COMMENT**

**Competencies**

The focus of laboratory time in this curriculum has shifted from a time based approach to an experience or competency based approach. It is certainly the opinion of this group that this will be a much more effective approach. This will allow each program greater flexibility to achieve the goals based upon their laboratory skills.

[these are co or pre-requisites]

- HAZWOPER; First Responder HazMat Awareness level hours, [Entry-Level Students Need to Be Certified in]
- and ICS courses are not included in the above totals
  [Entry-Level Students Need to Be Certified in]
  1. ICS-100: Introduction to ICS, or equivalent
  2. FEMA IS-700: NIMS, An Introduction

<table>
<thead>
<tr>
<th>CLINICALS</th>
<th></th>
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<th>36 hours</th>
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</thead>
<tbody>
<tr>
<td>Emergency Department / Ambulance Service</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[A minimum of 8 hours in either the ED or with an Ambulance Service is required - students can finish up their clinical requirement, after that, in either clinical]</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| EMT TOTALS [with clinicals] |         |         | 252 hours |

SEE STUDENT COMPETENCIES ON THE NEXT SEVERAL PAGES. ALL STUDENTS SHOULD ACCOMPLISH THESE SKILLS WITH 100% ACCURACY TO COMPLETE THIS COURSE!
**Skill – Airway/Ventilation/Oxygenation**

<table>
<thead>
<tr>
<th><strong>Skill</strong></th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Blind Insertion Airway Devices (optional per protocols)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airway – Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Airway – Nasal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bag-Valve-Mask (BVM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cricoid pressure (Sellick’s Maneuver – ALS assist only)</td>
<td></td>
<td></td>
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<tr>
<td>Head tilt – Chin lift</td>
<td></td>
<td></td>
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<tr>
<td>Jaw-Thrust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaw-Thrust Modified (trauma)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth-to-Barrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth-to-Mask (with one-way valve)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obstruction/FBAO – Manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Oxygen tank use/Safety/Administration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxygen Therapy –</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nasal Cannula</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-rebreather Mask</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partial rebreather mask</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simple face mask</td>
<td></td>
<td></td>
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<tr>
<td>Venturi Mask</td>
<td></td>
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</tr>
<tr>
<td>Automated transport ventilators (ATV) – (optional per protocol)</td>
<td></td>
<td></td>
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<tr>
<td>Suctioning – Upper Airway</td>
<td></td>
<td></td>
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<tr>
<td>Rigid Tip</td>
<td></td>
<td></td>
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<tr>
<td>Flexible Tip</td>
<td></td>
<td></td>
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<tr>
<td>*Pulse Oximetry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*BiPAP / CPAP</td>
<td></td>
<td></td>
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<tr>
<td>Demand valve (manual &amp; triggered)</td>
<td></td>
<td></td>
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<tr>
<td>*PEEP – therapeutic</td>
<td></td>
<td></td>
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<tr>
<td>*End tidal CO2 monitoring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Capnography – Wave form</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skill – Cardiovascular/Circulation</strong></td>
<td>Date</td>
<td>Approved</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Cardiopulmonary Resuscitation (CPR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Defibrillation – Automated/Semi-automated</td>
<td></td>
<td></td>
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<tr>
<td>Hemorrhage Control – Direct pressure</td>
<td></td>
<td></td>
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<tr>
<td>Hemorrhage Control – Tourniquet</td>
<td></td>
<td></td>
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<tr>
<td>Bandaging</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shock Treatment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trauma Patient Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Cardiac Monitoring (3 and 12 lead ECG application only)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Mechanical CPR device</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Chest Injury treatments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blunt trauma</td>
<td></td>
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<tr>
<td>Penetrating</td>
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<tr>
<td>Abdominal injury treatments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nose bleeds</td>
<td></td>
<td></td>
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<tr>
<td>Impaled objects</td>
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<table>
<thead>
<tr>
<th><strong>Skill – Immobilization</strong></th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spinal Immobilization – Cervical Collar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal Immobilization – Long Board</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal Immobilization – Manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal Immobilization – Seated Patient (KED, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal Immobilization – Rapid manual Extrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extremity stabilization – Manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extremity splinting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Splinting – traction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical patient restraints</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency moves for endangered patients</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cervical Immobilization Device (CID)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Skill – Medication Administration/Routes</strong></th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
</table>

Oklahoma EMS Consensus Group 10/17/2011
| Assisting a Patient with His/Her Own Prescribed Medications (Aerosolized/Nebulized) |
| Aerosolized / nebulized (beta agent) (per protocol) |
| Oral - Aspirin (per protocol) |
| Oral – Glucose (per protocol) |
| Auto-Injector (self or peer care) (per protocol) |
| Auto-Injector (Epi - Patient’s own Prescribed Meds) (per protocol) |
| *Nitro assist (patient’s own prescribed medication) (per protocol) |

**Skill – IV Initiation / Maintenance of Fluids**

*Intravenous – maintenance of non-medicated IV fluids

**Skill – Miscellaneous**

| Assisted delivery (normal childbirth) |
| Assisted delivery (abnormal childbirth – breech, limb, etc.) |
| Blood glucose monitoring |
| Blood glucose automated |
| Blood pressure – Manual |
| Eye Irrigation |
| Hand Washing |
| Patient Assessment |
| Primary Assessment |
| Secondary Assessment |
| History taking skills (SAMPLE, etc.) |
| Vital Signs |
| *Landing Zone (live helicopter lab recommended, but classroom portion required) |
| Medical Assessment |
| Lifting and Moving (optional) |
| Urgent |
| Non urgent |
| Personal Protective Equipment/Body Substance Isolation Use |
| Pre-hospital Stroke assessment |

Oklahoma EMS Consensus Group 10/17/2011
**These SKILLs should include adult, child and pediatrics**

*These SKILLs are items added by the new National Educational Standard*

NOTE: Many of these competencies are very broad and should be broken down into more specific or individual competencies for initial training purposes. For Example: Vital Signs should include, BP, pulse, respiration, skin color, pupils, etc.