South Carolina CTE

# Emergency Medical Services (EMS) (2009): Grades 9, 10, 11, 12

Adopted 2009

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| **Academic Foundation** | 1. Identify basic structure of the human body.<br>2. Recognize body planes, directional terms, quadrants, and cavities.<br>3. Apply mathematical computations related to healthcare procedures (metric and household, conversions and measurements).<br>4. Record time using the 24-hour clock.<br>5. Demonstrate sound study skills, test taking skills, and note taking skills. |
| **Communications** | 1. Interpret verbal and nonverbal communication.<br>2. Recognize barriers to communication.<br>3. Distinguish subjective and objective information.<br>4. Recognize the elements of communication using a sender-receiver model.<br>5. Apply speaking and active listening skills.<br>6. Recognize elements of written and electronic communication (spelling, grammar, and formatting).<br>7. Apply procedures for accurate documentation and record keeping. |
| **Systems** | 1. Explain the factors influencing healthcare delivery systems.<br>2. Understand the healthcare delivery system (public, private, government, and non-profit).<br>3. Define emergency medical services (EMS) systems.<br>4. Differentiate the roles and responsibilities of EMS professionals from other healthcare professionals. |

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| | 5. Define quality improvement, and discuss the EMS professional's role in the process. |
| | 6. Define medical direction, and discuss the EMS professional's role in the process. |
| | 7. Characterize the various methods used to access the EMS system in your community. |
| Employability Skills | 1. Classify the personal traits and attitudes desirable in a member of the healthcare team. |
| | 2. Summarize professional standards as they apply to hygiene, dress, language, confidentiality, and behavior. |
| | 3. Apply employability skills in healthcare (attendance policy and time management). |
| | 4. Discuss levels of education, credentialing requirements, and employment trends in healthcare. |
| | 5. Compare careers within the health science career pathways (diagnostic services, therapeutic services, health informatics, support services, or biotechnology research and development). |
| | 6. Observe and participate in service learning/work-based learning (virtual, guest speakers, etc.) and HOSA activities. |
| Legal Responsibilities | 1. Define terms and standards related to legal responsibilities. |
| | 2. Define the EMS professional's scope of practice. |
| | 3. Discuss advance directives and local or state provisions regarding EMS application. |
| | 4. Define types of consent. |
| | 5. Discuss the methods of obtaining consent. |
| | 6. Discuss the issues of abandonment, negligence, and battery and their implications for EMS professionals. |
| | 7. Explain the importance, necessity, and legality of patient confidentiality (e.g., Health Insurance Portability and Accountability Act [HIPAA] and Family Education Rights and Privacy Act [FERPA]). |
| | 8. Differentiate the actions and responsibilities of EMS professionals when interacting with law enforcement. |
| | 9. Identify forms of unsafe or hostile work environments. |

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| **Ethics** | 1. Define basic terms and standards related to ethical practices.<br>2. Identify code of ethics (e.g., National Registry of Emergency Medical Technicians [NREMT] Code of Ethics, National Association of Emergency Medical Technicians [NAEMT] Code of Ethics).<br>3. Differentiate between ethics and morals.<br>4. Differentiate between ethical and legal issues impacting healthcare.<br>5. Recognize ethical issues and their implications related to healthcare.<br>6. Apply procedures for reporting activities and behaviors that affect the health, safety, and welfare of others.<br>7. Understand cultural diversity as it impacts healthcare.<br>8. Demonstrate respectful and empathetic treatment of ALL patients/clients (customer service).<br>9. Evaluate the cultural use of verbal and nonverbal language in a variety of healthcare scenarios. |
| **Safety Practices** | 1. Discuss the principles of infection control, personal protective equipment (PPE), and body substance isolation (BSI).<br>2. Apply principles of body mechanics.<br>3. Apply safety techniques in the work environment.<br>4. Recognize basic safety labels and placards (biohazards, poisons, etc.).<br>5. Understand implications of hazardous materials.<br>6. Describe fire safety in a healthcare setting.<br>7. Discuss principles of basic emergency response in natural disasters and other emergencies.<br>8. Explain the need to determine scene safety. |
| **Teamwork** | 1. Understand roles and responsibilities of team members.<br>2. Recognize characteristics of effective teams.<br>3. Recognize methods for building positive team relationships.<br>4. Analyze attributes and attitudes of an effective leader. |

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| | 5. Apply effective techniques for managing team conflict. |
| **Health Maintenance Practices** | 1. Discuss possible emotional reactions that EMS professionals, patient, and family may experience when faced with trauma, illness, death, and dying. |
| | 2. Recognize the signs and symptoms of critical incident stress. |
| | 3. Explain how to recognize the causes and signals of personal stress. |
| | 4. Discuss positive steps that the EMS professional takes to help reduce/alleviate stress and promote health and wellness. |
| | 5. Identify behaviors and factors affecting the EMS professional's health and well-being negatively. |
| | 6. Discuss the relationship between health, lifestyle, and personal risk factors. |
| | 7. Demonstrate proper body mechanics. |
| **Technical Skills** | 1. Demonstrate proper use of personal protective equipment (PPE and BSI). |
| | 2. Demonstrate use of visual aids (binoculars, telescopes, night vision goggles (NVG), thermal imaging, etc.) including verbalizing the objects or people that visual aids are being used to identify. |
| | 3. Demonstrate hand washing techniques. |
| | 4. Demonstrate use of navigation skills (maps, GPS units, Google Earth, etc.). |
| | 5. Demonstrate proper training techniques to prevent physical injury (stretching, strengthening, conditioning, etc.). |
| | 6. Demonstrate proper lifting and carrying techniques to prevent physical injury. |
| | 7. Demonstrate the use of the Recognize, Assess/Avoid, Identify, and Notify (RAIN) method in a hazardous materials (hazmat) situation. |
| **Information Technology Applications** | 1. Communicate using technology to access and distribute data and other information. |
| | 2. Recognize technology applications available/used in EMS. |