Virginia CTE

Emergency Medical Technician (EMT) 1 (8333)

Introducing Emergency Medical Technician (EMT) I EMT1.1	1	Outline mandatory course requirements and paperwork. EMT1.1.1
	2	Complete a state-approved certification for cardiopulmonary resuscitation (CPR). EMT1.1.2
Exploring Fundamentals of Emergency Medical Services (EMS) Systems EMT1.2	1	Describe the components of EMS systems. EMT1.2.1
	2	Explain the influence of research and evidence-based decision making on EMS care. EMT1.2.2
	3	Describe the roles and responsibilities of an EMT toward personal safety and the safety of the crew, patient, and bystanders. EMT1.2.3
	4	Explain the components and legal considerations of EMS documentation. EMT1.2.4
	5	Describe the techniques of effective and efficient team communication. EMT1.2.5
	6	Describe the communication skills that should be used to interact with the patient, family, and bystanders while providing patient care. EMT1.2.6
	7	Explain the legal implications of EMS care. EMT1.2.7
	8	Describe the EMS system's role in prevention of illness and injury through public education. EMT1.2.8
Exploring the Human Body EMT1.3	1	Describe the anatomy and physiology of the major body systems. EMT1.3.1
	2	Define common medical terms and abbreviations. EMT1.3.2
	3	Explain the effect of pathophysiology on perfusion. EMT1.3.3
	4	Describe the major physiological and psychosocial characteristics of life stages in relation to patient care. EMT1.3.4
Understanding Ph[illegible]	1	Describe the principles of pharmacology. EMT1.4.1
		)emonstrate the steps for assisting patients with administration of medications hat are within an EMT's scope of practice. EMT1.4.2

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	3 **Describe the medications that may be administered by an EMT.** EMT1.4.3
Managing Airway, Respiration, and Artificial Ventilation EMT1.5	1 **Demonstrate assessment and management of the airway.** EMT1.5.1
	2 **Demonstrate the assessment of respiration and management of adequate respiration.** EMT1.5.2
	3 **Demonstrate assessment and management of adequate and inadequate ventilation.** EMT1.5.3
Assessing the Patient EMT1.6	1 **Demonstrate a scene size-up for single-patient and multiple-patient situations.** EMT1.6.1
	2 **Demonstrate a primary assessment.** EMT1.6.2
	3 **Demonstrate history taking.** EMT1.6.3
	4 **Demonstrate a secondary assessment.** EMT1.6.4
	5 **Demonstrate the use of monitoring devices within an EMT's scope of practice.** EMT1.6.5
	6 **Demonstrate a reassessment.** EMT1.6.6
Managing Shock and Resuscitation EMT1.7	1 **Demonstrate the care of a patient showing signs and symptoms of shock (hypoperfusion).** EMT1.7.1
	2 **Demonstrate the care of a patient with respiratory failure or arrest, and cardiac failure or arrest, including post-resuscitation.** EMT1.7.2
Managing Traumatic Emergencies EMT1.8	1 **Describe management of a trauma patient.** EMT1.8.1
	2 **Demonstrate management of bleeding.** EMT1.8.2
	3 **Demonstrate management of a patient with a chest injury.** EMT1.8.3
	4 **Demonstrate management of wounds to the abdomen and genitourinary system.** EMT1.8.4
	5 **Demonstrate management of orthopedic trauma.** EMT1.8.5
	6 **Demonstrate the steps in the emergency medical care of soft-tissue injuries.** EMT1.8.6
	7 **Demonstrate management of head, face, neck, and spine injuries.** EMT1.8.7
	8 **Demonstrate management of central nervous system injuries and resulting complications.** EMT1.8.8

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	9 **Differentiate traumatic injury assessment and care for special populations.** EMT1.8.9
	10 **Explain the steps in providing care to a patient who has suffered an environmental injury.** EMT1.8.10
	11 **Prioritize management options for patients with multi-system trauma.** EMT1.8.11
Participating in Work-Based Learning EMT1.9	1 **Complete clinical requirements for work-based learning.** EMT1.9.1
	2 **(Optional) Participate in a supervised EMT clinical rotation.** EMT1.9.2