Virginia CTE

Emergency Medical Technician (EMT) 3 (8335)

Assisting an Advanced Life Support (ALS) Provider with Advanced Procedures EMT3.1	1 **(Optional) Demonstrate the assessment and management of the advanced airway.** EMT3.1.1
	2 **Demonstrate cricoid pressure.** EMT3.1.2
	3 **(Optional) List the equipment required for intubation.** EMT3.1.3
	4 **(Optional) Discuss intubation of patients.** EMT3.1.4
	5 **Demonstrate the function of a continuous positive airway pressure (CPAP) device.** EMT3.1.5
	6 **(Optional) Identify the equipment necessary to gain intravenous (IV) or intraosseous (IO) access.** EMT3.1.6
	7 **Describe the anatomy and physiology of the cardiovascular system.** EMT3.1.7
	8 **(Optional) Discuss an electrocardiogram (ECG).** EMT3.1.8
	9 **Demonstrate placement of leads for an ECG.** EMT3.1.9
Using Medical Mathematics EMT3.2	1 **Calculate an oral and a parenteral dosage for a patient.** EMT3.2.1
	2 **Calculate a weight-based dosage for a patient.** EMT3.2.2
	3 **(Optional) Calculate an IV drip dosage for a patient.** EMT3.2.3
	4 **(Optional) Calculate IV drug concentrations and solutions.** EMT3.2.4
Exploring Professional Development in Emergency Medical Services (EMS) EMT3.3	1 **(Optional) Demonstrate principles of effective instruction.** EMT3.3.1
	2 **(Optional) Identify the characteristics of an adult learner.** EMT3.3.2
	3 **(Optional) Explain theories of adult education.** EMT3.3.3
	4 **(Optional) Identify instructional methods used to meet the needs of tudents.** EMT3.3.4
	(Optional) Identify use of instructional technology. EMT3.3.5

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	6 **(Optional) Identify types of student assessments and their purposes.** EMT3.3.6
	7 **(Optional) Compare teaching strategies and their effects on student learning.** EMT3.3.7
	8 **(Optional) Demonstrate teaching strategies.** EMT3.3.8
	9 **(Optional) Identify classroom management strategies that promote positive student behavior.** EMT3.3.9
Examining Certification/Recertification of EMT Credentials EMT3.4	1 **Demonstrate skills necessary for EMT certification.** EMT3.4.1
	2 **Research career opportunities in emergency medicine, public safety, or health care.** EMT3.4.2
	3 **Research certification or recertification requirements for the EMT.** EMT3.4.3
	4 **Meet certification or recertification requirements for Category 1 topics.** EMT3.4.4
	5 **Meet certification or recertification requirements for Category 2 topics.** EMT3.4.5