Virginia CTE

Emergency Medical Responder

Demonstrating Personal Qualities and Abilities EMR.1	1 **Demonstrate creativity and innovation.** EMR1.1
	2 **Demonstrate critical thinking and problem solving.** EMR1.2
	3 **Demonstrate initiative and self-direction.** EMR1.3
	4 **Demonstrate integrity.** EMR.1.4
	5 **Demonstrate work ethic.** EMR.1.5
Demonstrating Interpersonal Skills EMR.2	1 **Demonstrate conflict-resolution skills.** EMR.2.1
	2 **Demonstrate listening and speaking skills.** EMR.2.2
	3 **Demonstrate respect for diversity.** EMR.2.3
	4 **Demonstrate customer service skills.** EMR.2.4
	5 **Collaborate with team members.** EMR.2.5
Demonstrating Professional Competencies EMR.3	1 **Demonstrate big-picture thinking.** EMR.3.1
	2 **Demonstrate career- and life-management skills.** EMR.3.2
	3 **Demonstrate continuous learning and adaptability.** EMR.3.3
	4 **Manage time and resources.** EMR.3.4
	5 **Demonstrate information-literacy skills.** EMR.3.5
	6 **Demonstrate an understanding of information security.** EMR.3.6
	7 **Maintain working knowledge of current information-technology (IT) systems.** EMR.3.7
	8 **Demonstrate proficiency with technologies, tools, and machines common to a pecific occupation.** EMR.3.8
	pply mathematical skills to job-specific tasks. EMR.3.9

Skip to main content

	10 **Demonstrate professionalism.** EMR.3.10
	11 **Demonstrate reading and writing skills.** EMR.3.11
	12 **Demonstrate workplace safety.** EMR3.12
Examining All Aspects of an Industry EMR.4	1 **Examine aspects of planning within an industry/organization.** EMR.4.1
	2 **Examine aspects of management within an industry/organization.** EMR.4.2
	3 **Examine aspects of financial responsibility within an industry/organization.** EMR.4.3
	4 **Examine technical and production skills required of workers within an industry/organization.** EMR.4.4
	5 **Examine principles of technology that underlie an industry/organization.** EMR4.5
	6 **Examine labor issues related to an industry/organization.** EMR.4.6
	7 **Examine community issues related to an industry/organization.** EMR.4.7
	8 **Examine health, safety, and environmental issues related to an industry/organization.** EMR.4.8
Addressing Elements of Student Life EMR.5	1 **Identify the purposes and goals of the student organization.** EMR.5.1
	2 **Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.** EMR.5.2
	3 **Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.** EMR.5.3
	4 **Identify Internet safety issues and procedures for complying with acceptable use standards.** EMR.5.4
Exploring Work-Based Learning EMR.6	1 **Identify the types of work-based learning (WBL) opportunities.** EMR.6.1
	2 **Explore career opportunities related to the WBL experience.** EMR.6.2
Introducing Emergency Medical Responder (EMR) EMR.7	1 **Outline mandatory course requirements and paperwork.** EMR.7.1
	2 **Complete a state-approved certification for cardiopulmonary resuscitation (CPR).** EMR.7.2
Ex Re	Skip to main content **escribe the components of EMS systems.** EMR.8.1

Fundamentals EMR.8	2	**Explain the influence of research and evidence-based decision making on EMS care.** EMR.8.2
	3	**Describe the roles and responsibilities of an EMR toward personal safety and the safety of the crew, patient, and bystanders.** EMR.8.3
	4	**Explain the components and legal considerations of EMS documentation.** EMR.8.4
	5	**Describe the techniques of effective and efficient team communication.** EMR.8.5
	6	**Describe the communication skills that should be used to interact with the patient, family, and bystanders while providing patient care.** EMR.8.6
	7	**Explain the legal implications of EMS care.** EMR.8.7
	8	**Describe the EMS system's role in prevention of illness and injury through public education.** EMR.8.8
Exploring the Human Body EMR.9	1	**Describe the anatomy and physiology of the major body systems.** EMR.9.1
	2	**Define common medical terms and abbreviations.** EMR.9.2
	3	**Use knowledge of shock and respiratory compromise to respond to life threats.** EMR.9.3
	4	**Describe the major physiological and psychosocial characteristics of life stages in relation to patient care.** EMR.9.4
Understanding Principles of Pharmacology EMR.10	1	**Describe the medications that the EMR may administer.** EMR.10.1
	2	**Demonstrate the steps for assisting or administering medications that are within an EMR's scope of practice.** EMR.10.2
Managing Airway, Respiration, and Artificial Ventilation EMR.11	1	**Discuss the general anatomy and physiology of respiration and ventilation.** EMR.11.1
	2	**Demonstrate the assessment and management of the airway.** EMR.11.2
	3	**Demonstrate the assessment of respiration and management of adequate respiration.** EMR.11.3
	4	**Demonstrate the assessment and management of adequate and inadequate ventilation.** EMR.11.4
Opioid Abuse Prevention Ed	12	**Opioid Abuse Prevention Education** EMR.12

Skip to main content

Assessing the Patient EMR.13	1	**Demonstrate a scene size-up for single-patient and multiple-patient situations.** EMR.13.1
	2	**Demonstrate a primary assessment.** EMR.13.2
	3	**Demonstrate history taking.** EMR.13.3
	4	**Demonstrate a secondary assessment.** EMR.13.4
	5	**Demonstrate a reassessment.** EMR.13.5
Managing Medical Emergencies EMR.14	1	**Describe life threats based on assessment findings of a patient with a medical emergency while awaiting additional emergency response.** EMR.14.1
	.2	**Demonstrate the assessment and management of patients experiencing neurological emergencies.** EMR.14.2
	3	**Describe the assessment and management of patients with abdominal or gastrointestinal disorders.** EMR.14.3
	4	**Demonstrate the assessment and management of patients with allergic reactions.** EMR.14.4
	5	**Identify a patient with a potential infectious disease.** EMR.14.5
	6	**Describe the assessment and management of patients with diabetic emergencies.** EMR.14.6
	7	**Describe the assessment and management of patients displaying psychotic behaviors or signs of other psychiatric disorders.** EMR.14.7
	8	**Demonstrate the assessment and management of patients experiencing cardiac emergencies.** EMR.14.8
	9	**Demonstrate the assessment and management of patients suspected of suffering from poisoning.** EMR.14.9
	10	**Demonstrate the assessment and management of patients with respiratory emergencies.** EMR.14.10
	11	**Describe the assessment and management of patients with genitourinary/renal disorders.** EMR.14.11
	12	**Describe emergency medical care of patients with gynecological emergencies.** EMR.14.12
	13	**Describe the identification, assessment, and management of patients with disorders of the eyes, ears, nose, and throat.** EMR.14.13

Skip to main content

Managing Traumatic Injuries EMR.15	1	**Describe the assessment and management of patients with shock, respiratory failure or arrest, and cardiac arrest.** EMR.15.1
	2	**Describe bleeding.** EMR.15.2
	3	**Describe chest trauma.** EMR.15.3
	4	**Describe abdominal trauma.** EMR.15.4
	5	**Describe orthopedic trauma.** EMR.15.5
	6	**Describe soft-tissue trauma.** EMR.15.6
	7	**Describe head, facial, neck, and spine trauma.** EMR.15.7
	8	**Describe special considerations in trauma.** EMR.15.8
	9	**Describe environmental emergencies.** EMR.15.9
	10	**Describe multi-system trauma.** EMR.15.10
Managing Special Patient Populations EMR.16	1	**Describe the assessment and management of obstetric patients.** EMR.16.1
	2	**Describe the care of neonatal patients.** EMR.16.2
	3	**Describe the care of pediatric patients.** EMR.16.3
	4	**Demonstrate the assessment and management of geriatric patients.** EMR.16.4
	5	**Describe the assessment and management of patients with special challenges.** EMR.16.5
Understanding EMS/EMR Operations EMR.17	1	**Discuss the risks and responsibilities of emergency response.** EMR.17.1
	2	**Explore establishment of incident command.** EMR.17.2
	3	**Evaluate the role of an EMR in a multiple-casualty situation.** EMR.17.3
	4	**Describe the use of air medical transport.** EMR.17.4
	5	**Describe the fundamental concepts of extrication.** EMR.17.5
	6	**Explain the EMR's role during a call involving hazardous materials.** EMR.17.6
	7	**Evaluate the role of the EMR in a mass-casualty situation due to terrorism or disaster.** EMR.17.7
Pe Be As		**)emonstrate long-bone splinting.** EMR.18.1
		)emonstrate joint splinting. EMR.18.2

Skip to main content

	3	**Demonstrate airway management.** EMR.18.3
	4	**Demonstrate bleeding control and care of shock.** EMR.18.4
	5	**Perform simulated patient scenarios.** EMR.18.5
Exploring Requirements for Certification and Work-Based Learning Opportunities EMR.19	1	**Research certification requirements for the EMR.** EMR.19.1
	2	**(Optional) Observe emergency medical services operations.** EMR.19.2
	3	**Research recertification requirements for the EMR.** EMR.19.3
Describing the Opioid Crisis EMR.20	1	**Describe the history and current state of the opioid crisis in the United States.** EMR.20.1
	2	**Describe the history and current state of the opioid crisis in Virginia.** EMR.20.2
	3	**Define the pharmacological components and common uses of opioids.** EMR.20.3
Examining the Key Factors of Drug Addiction EMR.21	1	**Examine the science of addiction.** EMR.21.1
	2	**Explain prevention and early intervention strategies.** EMR.21.2
	3	**Identify addiction and its behavioral elements, as defined by the Diagnostic and Statistical Manual of Mental Disorders (DSM-5).** EMR.21.3
	4	**Describe the treatment models of addiction therapy.** EMR.21.4
	5	**Describe the medication management antidote used to prevent fatal opioid overdoses.** EMR.21.5
Understanding Pain Management Protocols EMR.22	1	**Explain the science of physiological and mental pain.** EMR.22.1
	2	**Describe the diagnostic tools used in developing pain management plans.** EMR.22.2
	3	**Describe pain treatment options available to various populations of patients.** EMR.22.3
	4	**Describe the effects of opioid dependency on the human body systems.** EMR.22.4
	5	**Explain the mechanism and physical effects of opioids on the human body.** EMR.22.5
	6	**Explain the use of opioids in practice settings, the role of opioids in pain management, and risk factors associated with the use of the medication.** EMR.22.6
	7	**)escribe the withdrawal and tapering side effects of opioid use.** EMR.22.7

Skip to main content

	8	**Describe storage and disposal options for opioids.** EMR.22.8
	9	**Explain community resources for education about opioid use.** EMR.22.9
Working with Patients and Caregivers EMR.23	1	**Describe key communication topics involving opioids for patients.** EMR.23.1
	2	**Describe communication topics for caregivers and family members.** EMR.23.2