

Emergency Medical Technology Assessment Plan Rev. 10/25/2019

Emergency Medical Technology	16-17	17-18	18-19	19-20	20-21	21-22
EMTCB10 - Paramedic 1						
• 1. Upon successful completion of the course, the student will be able to discuss the rules and regulations as they pertain to EMS.					P	
• 2. Upon successful completion of the course, the student will be able to recall and apply basic concepts of anatomy and physiology.					P	
• 3. Upon successful completion of the course, the student will be able to apply concepts of ethical and professional behavior and show an advocacy for the patient.						P
• 4. Upon successful completion of the course, the student will be able to describe the changes in cells and tissues that occur with cellular adaptation, injury, aging or death and other pathophysiological principals.				P		
• 5. Upon successful completion of the course, the student will be able to distinguish priorities in the care of the medical versus the trauma patient.				P		
EMTCB11 - Paramedic Skills Lab 1						
• 1. Upon successful completion of the course, the student will be able to perform a primary and secondary assessment on a patient.				P		
• 2. Upon successful completion of the course, the student will be able to assess, recognize, and treat immediate life threats.					P	
• 3. Upon successful completion of the course, the student will be able to recognize cardiovascular emergencies, correctly interpret basic ECG rhythms, and properly administer treatments.						P
• 4. Upon successful completion of the course, the student will be able to accurately calculate drug dosages and properly administer medications.				P		
EMTCB12 - Paramedic 2						
• 1. Upon successful completion of the course, the student will be able to interpret basic ECG rhythms				P		
• 2. Upon successful completion of the course, the student will be able to identify cardiovascular emergencies and ascertain the proper treatments.				P		
• 3. Upon successful completion of the course, the student will be able to accurately calculate medication dosages and discuss proper administration.					P	
• 4. Upon successful completion of the course, the student will be able to explain the various routes of drug administration					P	
• 5. Upon successful completion of the course, the student will be able to explain the process of gas transport and exchange in the body.						P
• 6. Upon successful completion of the course, the student will be able to recognize a compromised airway and implement the proper management						P
EMTCB13 - Paramedic 3						
• 1. Upon successful completion of the course, the student will be able to formulate and implement the treatment plan across the lifespan for a diverse patient population.			C			
• 2. Upon successful completion of the course the student will be able to integrate pathophysiological principals and assessment findings to formulate and implement a treatment plan for the patient with medical problems.				P		
• 3. Upon successful completion of the course, the student will be able to integrate pathophysiological principals and assessment findings to formulate and implement the treatment plan for a patient with a toxic exposure.				P		
• 4. Upon successful completion of the course, the student will be able understand how to assess, comprehend, evaluate, apply, and manage medical emergencies in the prehospital setting.					P	
• 5. Upon successful completion of the course, the student will be able to describe safe, competent care for patients with behavioral emergencies.					P	
• 6. Upon successful completion of the course, the student will be able to apply knowledge of gynecological principals and assessment findings to formulate and implement a treatment plan for the care of a patient experiencing gynecological emergencies including labor.			C			P

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EMTCB14 - Paramedic Skills Lab 2

• 1.) Upon successful completion of the course, the student will be able to perform a rapid primary assessment, recognize immediate life threats in both <u>medical and traumatic emergencies, and render proper treatments.</u>				P		
• 2.) Upon successful completion of the course, the student will be able to recognize cardiovascular emergencies, correctly interpret 12 lead ECG rhythms, and <u>properly render treatments</u>				P		
• 3.) Upon successful completion of the course, the student will be able to accurately calculate drug dosages and properly administer medications.					P	
• 4.) Upon successful completion of the course, the student will be able to recognize a compromised airway in adult and pediatric patients and implement the <u>proper management.</u>					P	
• 5.) Upon successful completion of the course, the student will be able to recall the information and knowledge from the first semester paramedic courses, and using that information, be able to demonstrate the ability to evaluate and properly treat a variety of medically and traumatically ill patients.						P

EMTCB15 - Paramedic 4

• 1. Upon successful completion of the course, the student will be able to demonstrate the ability to recall and understand and implement information learned <u>from the first semester paramedic courses (EMTC B10, EMTC B11, and EMTC B12).</u>				P		
• 2. Upon successful completion of the course, the student will be able to demonstrate the ability to preserve evidence and safety while assessing, and <u>managing prehospital emergencies on crime scenes.</u>				P		
• 3. Upon successful completion of the course, the student will be able to describe standards and guidelines that help ensure safe and effective ground and <u>air medical transport.</u>				P		
• 4. Upon successful completion of the course, the student will be able to integrate principles of general incident management and multiple casualty incident <u>management.</u>					P	
• 5. Upon successful completion of the course, the student will be able to formulate and implement appropriate treatment plans for patients with various types <u>of trauma and shock.</u>					P	
• 6. Upon successful completion of the course, the student will be able to demonstrate the ability to recognize the signs of abuse and the process of being a <u>mandated reporter.</u>					P	
• 7. Upon successful completion of the course, the student will be able to exhibit the ability to recognize the special needs of home health care patients and <u>geriatrics.</u>						P
• 8. Upon successful completion of the course, the student will be able to recognize and react appropriately to Hazmat materials, weapons of destruction, and <u>bioterrorism.</u>						P

EMTCB16 - Paramedic Clinical Lab

• Upon completion the student will be able to; Demonstrate the ability to remain safe by recognizing an unsafe scene/situation and utilizing appropriate <u>personal protection equipment.</u>			C			
• Upon completion the student will be able to; Demonstrate professional behavior				P		
• Upon completion the student will be able to; Identify and demonstrate a working knowledge of the medications allowed by Kern County EMS to be <u>administered by paramedic students in the clinical setting.</u>	C					P
• Upon completion the student will be able to; Demonstrate the ability to collect information, evaluate findings, differentiate a field diagnosis, render <u>appropriate treatments, and reevaluate the patient's condition under the supervision of an RN and or MD preceptor.</u>					P	

EMTCB17 - Paramedic Field Internship

• Upon completion the student will be able to; Demonstrate the ability to remain safe by recognizing an unsafe scene/situation and <u>utilizing appropriate personal protection equipment.</u>				P		
• Upon completion the student will be able to; Demonstrate professional <u>behavior</u>		C				
• Upon completion the student will be able to; Identify and show a working knowledge of the Kern County EMS protocols.					P	
• Upon completion the student will be able to; Demonstrate the ability to assess, comprehend, evaluate, apply, and manage patients <u>on an ambulance in the prehospital setting under the direct supervision of an approved paramedic preceptor.</u>		C				
• Upon completion the student will be able to; Demonstrate the ability to work, without preceptor intervention, <u>in all types of prehospital emergencies at the paramedic entry level.</u>						P

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EMTCB50 - Emergency Medical Technician

• 1. Upon successful completion of the course, the student will be able to Describe the Roles and Responsibilities of the EMT.	C			P		P
• 2. Upon successful completion of the course, the student will be able to Each EMT Student will be able to Identify the basic knowledge and methods needed to manage injury and illnesses in various body systems.	C				P	P
• 3. Upon successful completion of the course, the student will be able to, Each EMT student will be able to identify the basic knowledge and methods needed to manage injury and illness in special populations.	C					P
• 4. Upon successful completion of the course, the student will be able to, Describe the basic knowledge and methods needed to manage medical emergencies as well as analyze various treatment techniques.		C				
• 5. Upon successful completion of the course, the student will be able to, Perform various emergency medical care skills required to provide adequate emergency medical care such as performing a proper trauma assessment on a patient suffering from a traumatic event.			C			
• 6. Upon successful completion of the course, the student will be able to, Describe what ICS is and how to set it up on a scene, and also how to triage patients using RPM				P		

EMTCB50R - Emergency Medical Technician Recertification Course

• Upon successful completion of the course, the student will:1. Describe the stages of the stress response, including the effects of each stage on the body.				P		
• Upon successful completion of the course, the student will: 2. Differentiate between scope of practice and standard of care				P		
• Upon successful completion of the course, the student will:3. Discuss special considerations for AED use, including general principles, coordination with others, and post-resuscitation care.				P		
• Upon successful completion of the course, the student will:4. Describe the basic physiological requirements for maintaining consciousness.					P	
• Upon successful completion of the course, the student will:5. Prioritize the steps in assessment and management of patients with allergic and anaphylactic reactions.					P	
• Upon successful completion of the course, the student will:6. For a patient whose abnormal behavior appears to be caused by stress, discuss techniques to calm the patient and gain his cooperation.					P	
• Upon successful completion of the course, the student will:7. Assess and manage patients with internal and external bleeding.					P	
• Upon successful completion of the course, the student will:8. Describe types of injuries to the skull and brain.						P
• Upon successful completion of the course, the student will:9. Discuss the assessment and management of open wounds to the neck						P
• Upon successful completion of the course, the student will:10. Discuss after-delivery care of the mother, including delivery of the placenta, controlling vaginal bleeding, and providing comfort to the mother.						P

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EMTCB51 - Emergency Medical Responder

• 1. Upon successful completion of the course the student will be able to, Describe the legal considerations, roles and responsibilities of the EMR;				P		
• 2. Upon successful completion of the course the student will be able to, Identify the different human systems and the basic anatomy and physiology of each;					P	
• 3. Upon successful completion of the course the student will be able to, Describe the role and responsibility of the EMR during scene size-up and scene safety;				P		
• 4. Upon successful completion of the course the student will be able to, Name the steps required to complete a primary and secondary patient assessment;					P	
• 5. Upon successful completion of the course the student will be able to, Explain the purpose of obtaining vital signs and how the information is used for patient assessment;						P
• 6. Upon successful completion of the course the student will be able to, identify basic components of anatomy and physiology for the respiratory system;						P

EMTCB60 - Paramedic Preparation

• 1. Upon successful completion of the course, the student will be able to integrate pathophysiological principles and assessment findings to formulate and implement a treatment plan for the patient with a cardiovascular emergency.				P		
• 2. Upon successful completion of the course, the student will be able to demonstrate the ability to remain safe by recognizing an unsafe scene/scenario/situation and utilizing appropriate personal protection equipment.				P		
• 3. Upon successful completion of the course, the student will be able to safely and accurately calculate basic medication math problems and administer medications					P	
• 4. Upon successful completion of the course, the student will be able to integrate physiological principles and assessment findings to formulate and implement the management plan for a patient experiencing airway compromise.						P