Paramedicine Computer-Based Entrance Examination

In Step #2 of the Paramedicine Student Application Process, you are required to pass a validated 150-question multiple-choice computer-based entrance examination within a 3 hour time limit. The examination is offered at a select MCCCD college Testing Center.

The questions that appear on the entrance examination were developed from the following:
- *National Emergency Medical Services Education Standards* (NHTSA, 2009)
- *2020 American Heart Association Guidelines for Basic Life Support*

No other content such as general math or reading comprehension will appear on the entrance examination.

You should prepare for the examination by reviewing the competencies and content in EMT textbooks published after 2009 and the American Heart Association Basic Life Guidelines published after 2020. There are many EMT examination preparation text and online sources available that provide practice questions.

The number of questions assigned to each domain in the *National Emergency Medical Services Education Standards* (NHTSA, 2009) and 2*020 American Heart Association Guidelines for Basic Life Support* is detailed on the next page.

The examination is in a computer-delivered format similar to the National Registry of EMTs computer-based examination. Multiple choice questions are presented one at a time. After you select the answer and click on **Next**, it is locked. You cannot backtrack to a previous question, skip a question, or change an answer once you select it. You will be able to obtain your score after completing the entrance examination.

A score of 70% or above (raw=105/150) is required to pass the entrance examination. A passing score allows you to proceed to Step #3 in the Paramedicine selection process: Complete and Submit the MCCCD Paramedicine Program E-application.

Maricopa County Community College District
PARAMEDIC CANDIDATE ENTRANCE EXAMINATION
ITEM ASSIGMENTS TO DOMAINS OF THE
NATIONAL REGISTRY OF EMTs®

NREMT Domain Descriptions	Number of Items
Airway, Respiration and Ventilation (adult and pediatric patients) Includes anatomy and physiology of the airway and respiratory system, assessment, pathophysiology, and management of the airway, ventilation, respiratory distress, respiratory failure, respiratory arrest, and upper/lower airway respiratory emergencies.	22
Cardiology and Resuscitation (adult and pediatric patients) Includes anatomy and physiology of the cardiovascular system, assessment, pathophysiology and management of chest pain, cardiac rhythm disturbance, cardiac arrest, stroke-like symptoms, post-resuscitation care and hypotension/hypertension from cardiovascular causes.	21
Trauma (adult and pediatric patients) Includes assessment, pathophysiology and management of bleeding, chest trauma, abdominal/genitourinary trauma, orthopedic trauma, soft tissue injuries, head/neck/face/spinal injuries, multisystem trauma, and environmental emergencies.	23
Medical, Obstetrics, and Gynecology (adult and pediatric patients) Includes anatomy and physiology, patient assessment, pathophysiology, and management of neurological emergencies (seizures, altered mental status, etc.), abdominal disorders, immunology, infectious diseases, endocrine disorders, psychiatric disorders, toxicology, hematology, genitourinary/renal disorders, gynecology, and obstetrics.	65
EMS Operations Includes vehicle and equipment readiness, emergency vehicle operations, scene leadership, resolving an emergency incident, emotional support, documentation and communication, medical/legal standards, community relations, administrative support and professional development.	19
TOTAL	150