

Test Design Blueprint**Date**10/20/2014Electrocardiograph Aide 3841716111-12

Course Title

Course Number

Grade

Big Idea/Domain/Strand/Standard	Standard Code	Percent of Test Based on Time Devoted to Standard	Number of Test Questions
Describe the cardiovascular system	22.0	5%	3
Locate the heart and surrounding structures.	22.01	5%	3
Diagram and label the parts of the heart and list the functions of each labeled part.	22.02	5%	3
Trace the flow of blood through the cardiopulmonary system.	22.03	5%	3
Identify legal and ethical responsibilities of an EKG aide.	23.0	5%	3
Recognize and practice legal and ethical responsibilities as they relate to an EKG aide.	23.01	5%	3
Maintain a safe and efficient work environment.	23.02	5%	3
Maintain EKG equipment so it will be safe and accurate.	23.03	5%	3
Implement appropriate joint commission patient safety goals.	23.04	5%	3
Demonstrate knowledge of, apply and use medical instrumentation modalities.	24.0	5%	3
Calibrate and standardize the cardiograph instrument.	24.01	5%	3
Identify three types of lead systems	24.02	5%	3
Demonstrate proper lead placement, including lead placement for patients with special needs.	24.03	5%	3
Identify artifacts and mechanical problems.	24.04	5%	3
Perform a 12 lead EKG.	24.05	5%	3
Recognize normal sinus rhythm.	24.06	5%	3
Report any rhythm that is not normal sinus rhythm.	24.07	5%	3
Use documentation skills to identify	24.08	5%	3

electrocardiographs.			
State Einthoven's triangle	24.09	5%	3
Recognize a cardiac emergency as seen on the EKG	24.10	5%	3
Perform patient care techniques in the health care facility.	25.0		
Describe the physical and mental preparation of the patient for cardiovascular testing.	25.01		
Identify patient and verify the requisition order.	25.02		
Prepare patient for cardiovascular diagnostic testing.	25.03		
State precautions required when performing diagnostic procedures.	25.04		

List of Participants:

100%

60
