

Course Competency

MEA 0540 ELECTROCARD/EMERG PR

Course Description

The nature and purpose of the electrocardiograph (EKG); maintenance of equipment and materials needed; preparation of the patient and the procedure for taking and mounting the EKG record and monitoring the record for abnormal or erratic tracings. The maintenance of emergency equipment and implementing emergency procedures in the medical office. Special fee. (60 contact hours)

Course Competency	Learning Outcomes
<p>Competency 1:The student will describe the cardiovascular system by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Information Literacy 3. Aesthetic / Creative Activities
<ol style="list-style-type: none"> 1. Locating the heart and surrounding structures 2. Labeling parts of the heart and listing functions of each 3. Tracing the flow of blood through the cardiopulmonary system 	
<p>Competency 2:The student will demonstrate knowledge of, apply and use an EKG machine by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Numbers / Data 3. Information Literacy 4. Cultural / Global Perspective 5. Social Responsibility 6. Ethical Issues 7. Computer / Technology Usage 8. Aesthetic / Creative Activities
<ol style="list-style-type: none"> 1. Calibrating and maintaing EKG equipment 2. Demonstrating proper lead placement including lead placement with special consideration for various patients with special needs 3. Performing a 12 lead EKG 	

<p>Competency 3:The student will be able to demonstrate knowledge of first aid by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Critical thinking 3. Cultural / Global Perspective 4. Social Responsibility 5. Ethical Issues 6. Computer / Technology Usage
<ol style="list-style-type: none"> 1. Recognizing emergencies 2. Communicating appropriately in emergency situations 3. Performing first aid in various circumstances, including bioemergencies 	

Updated: FALL TERM 2022