

## ECHO1055 - Intro to Echocardiographic Views

Credits:	1 (0/1/0)
Description:	This course provides hands-on learning in an echocardiography laboratory as simulated in a clinical environment. Students will be introduced to ultrasound imaging equipment, transducer position, echocardiographic views and scanning techniques following an adult transthoracic two-dimensional echocardiography exam protocol. Students will also become familiar with transducer motions associated with echocardiographic imaging.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. List the different cardiac imaging views.</li> <li>2. Demonstrate the use of psychomotor skills when acquiring two-dimensional (2D) imaging in the creation of an echocardiography image.</li> <li>3. Understand the imaging planes used in echocardiography.</li> <li>4. Utilize two-dimensional imaging features/technologies of the ultrasound system.</li> <li>5. Demonstrate how to prepare the examination room, ultrasound equipment and patient for an exam.</li> <li>6. Prioritize proper body mechanics and ergonomics during an exam.</li> <li>7. Comprehend the use of M-mode for the assessment of heart structure.</li> <li>8. Demonstrate a systematic approach to a 2D echocardiography examination.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.