

# CVSG1640: Echocardiography I

**Credit Hours:** 6

**Clock Hours:** 90/0/0

This course includes cardiovascular assessment techniques, physics and ultrasound review, and an introduction to the theoretical principles of basic M mode and two-dimensional, Doppler and color flow echocardiography. It also emphasizes the theoretical principles of echocardiography necessary to measure and interpret aortic and mitral valve pathology. This course includes interpretation of echocardiography and patterns for normal and pathological states of the left ventricle, pulmonic and tricuspid valves, as well as congenital heart diseases.

**Prerequisites:**

DMSG1810, DMSG1210, ECGY1330, HPRS1320