

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: DMS 430 Department: Diagnostic Med. Sonography
 Course Title: Clinical Practicum in Echocardiography 4 Semester: Summer Year: 2009

Objectives/Competencies

Course Objective	Competencies
<p>At the end of this course the student will perform independently the following as it relates to cardiac Sonography:</p> <ol style="list-style-type: none"> 1. Explains and prepares the patient for the procedure 2. Communicates data/results to the physician 3. Performance of the following exams/views <ol style="list-style-type: none"> a. Cardiac anatomical structures b. PLAX View, RVIT and PSAX to identify cardiac structures c. Apical 4, 5, 2 and 3 chamber views d. Two dimensional and Doppler (pulsed wave, continuous wave and color flow) diagnostic procedures 4. Evaluation of normal and abnormal valvular and ventricular function 5. Recognize shunts, masses and thrombi 6. Accurately reports ejection fractions 	<ol style="list-style-type: none"> 1. An overall score of 73% or better on combined weekly evaluations of scanning ability. 2. An overall score of 73% or better on combined weekly evaluations of scanning ability with respect to discovering and demonstrating basic pathologic processes. 3. An overall score of 73% or better on combined weekly evaluations of departmental participation. 4. An overall score of 73% or better on combined weekly evaluations of the application of patient-related policies. 5. An overall score of 73% or better on combined weekly evaluations of the student's patient care skills. 6. An overall score of 73% or better on combined weekly evaluations of the student's ability to present a case to the supervising physician. <p>Note: Evaluations are performed on a weekly basis by clinical instructors at the student's clinical rotation site.</p>