

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: DMDS 421 Department: Diagnostic Med. Sonography
 Course Title: Clinical Practicum in Echocardiography 3 Semester: Spring Year: 2009

Objectives/Competencies

Course Objective	Competencies
<p>At the end of this course the student will perform the following as it relates to cardiac Sonography:</p> <ol style="list-style-type: none"> 1. Patient care and comfort <ol style="list-style-type: none"> a. Explanation of procedures to the patient b. Independent positioning 2. Perform exams with minimal assistance and documenting appropriately 3. Continued application of Continuous wave, pulsed wave and color flow diagnostic procedures 4. Refine Plax, PLSX (base to apex) and RVIT views 5. Recognition and identification of at least the following abnormal findings: <ol style="list-style-type: none"> a. Valvular heart disease b. Ischemic heart disease 6. Reading and accurately calling 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>