

JACKSON COMMUNITY COLLEGE
DMS 196
INTRODUCTION TO CARDIAC CLINICAL

Location: HLC, Room 218

Meeting Times:

Tuesday, Thursday and Friday from 8:30 am - 12:15 pm January 17th to March 24th
105 contact hours

Instructors:

Julie Haynes RDCS, Lindsay Mercer RDCS, Tansley Gripman RDCS, Amalie Fleming,
Christina Osbourne RDCS, Brooke Stanley RDCS, Durrie Pruitt RDCS

The best way to contact your instructor is by email. You may also send a message in JetNet.

Course Description:

This course prepares cardiac sonography students for their clinical externship. Students will study and practice the technical as well as personal skills as they relate and are required for the on-site work experience. Students will demonstrate sonographic scanning of their program discipline with the expected outcome of a basic level competency.

Required Texts:

- ❖ Reynolds, Terry, *The Echocardiographer's Pocket Reference*, Fourth Edition 2013, Arizona Heart Institute, Ph. 800.835.2920.
- ❖ Otto, Catherine M. *Textbook of Clinical Echocardiography*, Fifth Edition 2013, W.B. Saunders Company.
- ❖ Anderson, Bonita, *Echocardiography, The Normal Examination and Echocardiography Measurements*, Third Edition 2017
- ❖ Harry, Mark and Behrends, Tess, *Essentials of Echocardiography: An Illustrative Guide* 2014, Cardiotext
- ❖ Feigenbaum, Armstrong, Ryan, *Feigenbaum's Echocardiography*. Seventh Edition 2009, Lippincott Williams & Wilkins.

The above texts are a requirement of all courses in the cardiac sonography program.

Prerequisites required:

Acceptance into the Cardiac Sonography Program

Course Objectives:

- Describe and demonstrate communication techniques as it applies to various members of the health care team.
- Describe and demonstrate communication techniques in the student-patient relationship.
- Demonstrate knowledge of ECG and cardiac anatomy
- Demonstrate basic scanning techniques as described by ASE protocol
- Describe and demonstrate patient interviewing techniques.
- Demonstrate knowledge of cardiac sonography terminology
- Explain and demonstrate proper ergonomics during the course of the echo exam
- Demonstrate by verbal or written form HIPAA regulations as they pertain to the cardiac sonographer.

Associate Degree Outcomes

The goals of this course include the successful achievement of measurable outcomes defined by Jackson Community College as vital to the educated individual at the Associates Degree level.

The ADO assessed in this course is: ADO 7- Critical thinking at the developing level.

Grading System:

3 Scanning competencies/exams @ 100 pts each	300 points
6 Quizzes @20-25 pts each	130 points
Final scanning assessment	<u>150 points</u>
	580 points total

Grading Scale:

- 95% - 100% = 4.0
- 90% - 94% = 3.5
- 85% - 89% = 3.0
- 80% - 84% = 2.5
- 75% - 79% = 2.0

AS WITH ALL CARDIAC SONOGRAPHY COURSES, A GRADE OF 2.0 OR HIGHER IS REQUIRED IN DMS 196 IN ORDER TO REMAIN IN THE CARDIAC SONOGRAPHY PROGRAM. ADMISSION AND ABILITY TO REMAIN IN DMS 142, CLINICAL I, MAY BE AFFECTED IF THIS COURSE IS FAILED.

Attendance Policy

Your success in this course relies heavily on your attendance. It is not possible to advance and excel in the scanning skills needed prior to beginning your clinical experience if you are not here on a consistent basis.

One absence will not affect your grade. Subsequent absences will result in a deduction of 10 points each. **Three or more absences will result in a warning process that may apply to DMS 142, Clinical I.**

Tardiness is a disruption to the instructor as well as to your classmates. Please be on time to class. If the weather looks like it may delay you in getting to class, give yourself a little more time for your trip. Please be mindful of this and make every attempt to show up on time. Tardiness will affect your grade on the 'affective domain' assessments. **Excessive tardiness (more than 2) will result in a warning process that may apply to DMS 142, Clinical I.**

Cell Phone Policy

Cell phones are to be kept out of site. You can check your cell phone while on break.

Facilitator's Responsibilities

The facilitator's responsibilities are to facilitate student learning by providing and explaining the necessary materials for each student to understand the assignments and achieve course goals, objectives, and performance objectives to a near mastery level. Knowledge and practice gained from this course should aid and prepare students in their clinical experiences.

Student Responsibilities:

Show up to class on time and be prepared by reviewing materials provided

Have reading assignment completed by date posted.

Be a scanner and a scannee

Protect your classmates' modesty, display professionalism

Keep your equipment and working space clean and in order

Share the probe!

Adhere to lab rules

Be responsible for your learning

Help others with your knowledge and skills

Students are expected to participate and be prepared for each session. It is presumed by the facilitator that assignments, including reading and viewing of all videos, will be completed on time and prior to class. Studying material on subjects being presented allows the student the best learning opportunities and to be prepared to pose questions in areas requiring clarity. The pace of this course makes it very difficult for a student to catch up once a student falls behind.

It is highly suggested by the instructor that students utilize as many references as possible to enhance their learning.