

Bergen Community College  
Division of Health Professions  
Department of Diagnostic Medical Sonography  
**DMS-221 Ultrasound Clinic IV-Cardiac**

**Course Information**

Semester and Year:  
Course and Section Number:  
Meeting Times and Locations:  
Instructor:  
Office Location:  
Phone:  
Departmental Secretary:  
Office Hours:  
Email Address:

**Course Description**

This course requires the student to spend two days a week in an approved ultrasound department. Students will perform a complete echocardiography procedure under the direct supervision of the supervising sonographer. Students are given specific learning objectives for the rotation. Progress is evaluated according to a competency based clinical education system.

**2 Credits:** 240 hours, 16 hours per week for 15 weeks OR 40 hours per week for 6 weeks = 240 hours

Prerequisite: *DMS 220, DMS 214, DMS 229, DMS 226*

Co-requisite: *DMS 227 DMS 228*

**Student Learning Objectives:** As a result of meeting the requirements in this course, students will be able to:

1. Demonstrate continued competence in all objectives that were previously mastered in Cardiac and Vascular Sonography. Students will continue all objectives learned in the previous clinical rotations.
2. Perform a complete echocardiogram
3. Demonstrate competency of Pedoff Probe
4. Demonstrate Proficiency in Stress Exercise, Stress Enhanced, and TEE exams

**Means of Assessment**

Pathology film review, Professional Growth Assessment, Scanning Competencies and Proficiencies

**Course Content**

The student is assigned to a clinical affiliate by the program faculty. Sixteen hours per week are required and students will follow the Clinical Manual regarding rules and regulations. The goal is to become clinical competent in performing complete echo competency and well as demonstrate competency with Pedoff probe. The student will also demonstrate proficiencies in stress echoes and the TEE exams.

**Grading Policy**

**Recommended Grade Structure**

**FINAL GRADE CALCULATION:** All clinical time completed:

**All Clinical Time Complete**

Complete Echo Competency + 2 checklists and completion of stress/TEE proficiencies	65%
Pedoff competency	5%
Average of the Professional Growths Evaluation (Min. of four req.)	20%
Abnormal Film Evaluation	10%

**GRADE SCALE:** All grades are absolute and will NOT be rounded off.

<b>A</b>	92% – 100%	<b>C+</b>	79% – 82.9%
<b>B+</b>	88% – 91.9%	<b>C</b>	75% – 78.9%
<b>B</b>	83% – 87.9%	<b>F</b>	0% – 74.9%

## **Attendance**

### **BCC Attendance Policy**

All students are expected to attend and be punctual for every scheduled meeting of each course in which the student is registered. Attendance and lateness policies and sanctions are to be determined by the director for each section of each course. These are in writing in the Policy and Procedure Student Handbook and in each course outline.

## **Other College, Divisional, and/or Departmental Policy Statements**

### **Accommodations for Disabilities**

Bergen community college aims to create inclusive learning environments where all students have maximum opportunities for success. Any student who feels he or she may need an accommodation based on a disability should contact the Office of Special Services.

Americans with Disabilities Act: Students who require accommodations by the Americans with Disabilities Act [ADA] can request support services from "The Office of Specialized Services of Bergen Community College] 201-612-5270/5269 or via email at [ossinfo@bergen.edu](mailto:ossinfo@bergen.edu)

### **Mental Health and Well Being**

Mental Health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. Bergen Community College has licensed personal counselors available to assist you with addressing these and other concerns you may be experiencing.

You can learn about the confidential mental health services available on campus via the Health and Wellness Center at [www.bergen.edu/personal\\_counseling](http://www.bergen.edu/personal_counseling).

### **Student and Facility Support Services**

#### **Available Online and On-Campus Resources**

[Library- https://bergen.edu/library/](https://bergen.edu/library/)

[Academic support https://bergen.edu/academics/pathway-scholars-program/academic-support](https://bergen.edu/academics/pathway-scholars-program/academic-support)

[The Writing center and Tutoring Center- L-125 https://Bergen.edu/tutoring/writing\\_center/](https://Bergen.edu/tutoring/writing_center/)  
[OWL\(Online Writing Lab\) http://www.owl.english.perdue](http://www.owl.english.perdue)

[Free Time Computer Labs https://Bergen.edu/technology\\_assistance/computer\\_lab\\_availability/](https://Bergen.edu/technology_assistance/computer_lab_availability/)

[The Center for student A-118 \(Academic, Career, International, and Transfer Counselors\) https://bergen.educenter-for-student-success/](https://bergen.educenter-for-student-success/)

[Personal counseling HS-100 https://bergen.edu/health-wellness-and-personal-counseling/personalcounseling/](https://bergen.edu/health-wellness-and-personal-counseling/personalcounseling/)