

Bergen Community College  
Division of Health Professions  
Department of Diagnostic Medical Sonography  
**DMS-230 Comprehensive Review**

**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 will review specialty areas pertinent to sonography in preparation for the ARDMS exam. Emphasis will be placed on ultrasound physics, general and cardiac concentrations. Upon completion of the program, students are eligible to take the ARDMS exams in Abdomen, Ob/Gyn, and Adult Echocardiography. The matrix of ARDMS exams for Abdomen, Obstetrics and Gynecology, and Adult Echocardiography will be followed. Seventy percent of the matrix on all specialties will be reviewed. The remaining 30% will be presented in the program courses specifically focused on the specialties mentioned. Students are required to pass the exit examination in all three specialties as a requirement for program eligibility to receive credentials from ARDMS exams.

**3 Credits:**

3 Lecture Hours

Prerequisites: DMS-227; DMS 228

Corequisites: DMS-222

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

1. Recognize normal and abnormal gynecologic, obstetric, and fetal anatomy routinely seen by ultrasound.
2. Recognize normal and abnormal abdominal anatomy seen by ultrasound.
3. Describe the sonographic patterns seen in Valvular Heart Disease.
4. Discuss Congenital Heart Disease in the adult and recognize the sonographic and postoperative findings associated with this condition.
5. Discuss formulas for Doppler measurements to include Bernoulli equation and Color Flow Mapping.

**Means of Assessment**

Three exit exams

## Course Content

Abdomen-extended, OB/Gyn, Physics, and Echocardiography material will be reviewed as a preparation for the ARDMS exam.

### FINAL GRADE:

Final grade will be calculated as follows:

Three exit exams Abdomen	33%
Ob/Gyn	33%
Echocardiography	34%

### FINAL GRADE CALCULATION

Three exit exams

Abdomen	33%
Ob/Gyn	33%
Echocardiography	34%

### NUMERICAL GRADE

92 to 100	A
88 to 91.9	B+
83 to 87.9	B
79 to 82.9	C+
75 to 78.9	C
0 to 74.9	F

## 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 Faculty Support Services

### Available Online and On-Campus Resources

Library- <https://bergen.edu/library/>

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/>

OWL(Online Writing Lab) <http://www.owl.english.perdue>

Free Time Computer Labs <https://Bergen.edu/technology assistance/computer lab availability/>

The Center for student A-118 (Academic, Career, International, and Transfer Counselors)

<https://bergen.edu/center-for-student-success/>

Personal counseling HS-100 <https://bergen.edu/health-wellness-and-personal-counseling/personalcounseling/>