

BERGEN COMMUNITY COLLEGE  
DIVISION OF HEALTH PROFESSIONS  
DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM COURSE SYLLABUS

DMS-219 Ultrasound Clinic II-Abdomen

Summer Session

**COURSE DESCRIPTION:** Ultrasound Clinic II-Abdomen requires the student to spend five (5) days a week in an approved Ultrasound Department.

Students will perform a complete abdomen and one small parts exam under the direct supervision of the clinical instructor. Students are given specific learning objectives for the rotation. Progress is evaluated according to a competency based clinical education system.

2 credit, 240 hours, 5 days per week for 6 weeks = 240 hours

Prerequisite: *DMS 204, DMS 205, DMS 213, DMS 218*

**NARRATIVE:** The student is assigned to a clinical affiliate by the program faculty. Forty 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 a complete abdomen ultrasound exam for diagnostic interpretation.

**OBJECTIVES:** The terminal objectives for Ultrasound Clinical II is to demonstrate competence in the abdomen category. Steps (in order) for achieving this goal are:

1. Demonstrate continued competence in all objectives that were previously mastered in Ultrasound Clinic I.
2. Practice scanning (with supervision) abdominal and small parts procedures according to hospital protocol.
3. When sufficient practice in scanning a complete abdomen and a small parts (thyroid, breast, testicles) exam has been achieved (at least 4 patients), the student asks the clinical instructor for a competency evaluation. (Complete Abd. and a small parts)
4. The student will perform the protocol provided by the assigned hospital. Students must be mastered in recognizing normal and abnormal abdomen cases. Students must present their case to the Radiologist, and be proficient in written a preliminary report of the ultrasound findings. Competency is based on equipment setup, technical skill and efficiency in performing the skill.
5. If the student fails the competency evaluation(s), the competency may be repeated up to 3 times with the highest grade being reported. In order to pass the course, **all** competencies must be successfully completed within the semester timeframe or a failing grade will ensue. The student needs to pass the competencies to move on to the next level. The Clinical Faculty will only perform clinical testing when the student has demonstrated readiness.

**COURSE REQUIREMENTS:** For successful completion of the course, the following requirements must be met:

1. All clinical hours must be complete (240 hours). Any make up days must be done as indicated on the clinical calendar.
2. All Clinical Competencies must be completed. These are: One passing competency form for abdomen and one thyroid, breast, **or** testicle. The case may be a normal or abnormal study. Clinical Instructor has the discretion in requiring specific objective performances for each specialty rotation.
3. Professional Growth Evaluations will be completed for each student by the supervising sonographer and the clinical faculty.
4. Student competence in film evaluation of normal and abnormal abdomen cases.

**FINAL GRADE:** Final grade will be calculated as follows:

**All Clinical Time Complete**

Average of one abdomen **and** one small parts competency form 70%

Average of the Professional Growths Evaluation (Min. of four req.) 20%

Film Evaluation 10%