

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

DMS 218 Ultrasound Clinic I –Ltd. Abdomen/pelvic
Semester

Spring

COURSE DESCRIPTION: Ultrasound Clinic I requires the student to spend two days a week in an approved Ultrasound Department.

Students will perform limited abdominal and pelvic procedures 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.

1 credit, 196 hours, 14 hours per week for 14 weeks = 196 hours

Prerequisite: DMS 101, DMS 102, DMS 212, *DMS 115*

Co-requisite: DMS 201, DMS 204, DMS 204, DMS 213

NARRATIVE: The student is assigned to a clinical affiliate by the program faculty. Sixteen hours per week are required on Thursday and Friday and students will follow the Clinical Manual regarding rules and regulations at the clinical site. The goal is to become clinical competent in performing a limited abdomen and pelvic ultrasound in a general diagnostic lab. Students will be meeting on campus in conjunction with the Intro to Medical Imaging course to learn other diagnostic procedures that students may encounter at the hospital.

OBJECTIVES: The terminal objectives for Ultrasound Clinic I is to demonstrate competence in limited abdomen and pelvic category. Steps (in order) for achieving this goal are:

1. Demonstrate continued competence in all objectives that were previously mastered in Abdominal Sonography I.
2. Practice scanning (with supervision) abdominal and pelvic organs.
3. When sufficient practice in scanning an organ or pelvis has been achieved (at least 4 patients), the student asks the clinical faculty for a competency evaluation.
4. The student will perform the protocol provided by the program. 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 (160 hours). Any make up days must be done as indicated on the attendance calendar. Hours can only be made up during this time.
2. All Clinical Competencies must be completed. These are:
 - a. One limited abdomen ultrasound procedures. This exam includes the liver, pancreas, gallbladder, kidney, IVC and aorta.
 - b. One limited pelvic ultrasound procedure as per college protocol. This includes documentation and required measurements of the uterus, endometrium, both ovaries and the adnexal region.
3. Professional Growth Evaluations will be completed for each student by the clinical faculty and the clinical instructor.
4. Student competence in film evaluation of normal abdomen and pelvic organs and muscles.

FINAL GRADE: Final grade will be calculated as follows:

All Clinical Time Complete

Average of the two competency forms	70%
Average of the Professional Growths Evaluation (Min. of four req.)	20%
Film Evaluation	10%