

**LANCASTER GENERAL COLLEGE OF NURSING AND HEALTH SCIENCES
DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM**

SYLLABUS

- I. Title: DMS 203 – ULTRASOUND IMAGING III
- II. Course Description: This course represents the practical component of the student experience for this semester. Certain lab activities and clinical procedures are designed to develop the student's scanning skills. These activities are coordinated with the classroom instruction in DMS 201 and DMS 202.
- III. Prerequisite: DMS 110
- IV. Placement: Year II – Semester I, concurrent with DMS 201 and DMS 202
- V. Time Allotment: Theory 0 hours
Clinical Laboratory 240 hours
- VI. Faculty: Brent A. Miles, RT, RDMS, RVT
- VII. Credits: 4
- IV. Evaluation:
- | | | |
|---------------------------|------------|---------------|
| Professional Conduct | 70 | Points |
| Lab Assignments | | Pass/Fail |
| Clinical Competency Exams | <u>300</u> | <u>Points</u> |
| Total Clinical Points | 370 | Points |

***A grade of "C" (2.0) is required to pass the course.**

B. Clinical Grade

This grade is determined by meeting the lab and clinical objectives of Ultrasound Imaging III. A point system is utilized to evaluate the student's performance. Specific critical behaviors have been identified which address each course objective. The final clinical grade is determined by whether or not the student has met the clinical objectives by the end of the course. Clinical objectives and critical behaviors are found in the Clinical Evaluation Tool.

- IX. Textbooks: LGH PROTOCOL MANUAL

- X. Course Objectives: Given the lab and clinical experiences, at the completion of Ultrasound Imaging III, the student will demonstrate that he/she has the ability to:
1. Demonstrate professional behavior in the clinical area.
 2. Correlate sonographic findings with the patient history.
 3. Recognize normal and abnormal anatomy during real-time imaging.
 4. Perform basic elements of the 2nd-3rd trimester obstetrical sonogram.
 5. Demonstrate Level I competency in performing the following sonograms:
Pelvis-Transvaginal
Abdomen
 6. Demonstrate Level II competency in performing the following sonogram:
Retroperitoneum
- XI. School Policies: Students are held accountable for all policies in the Student Handbook and any revisions made to those policies during the academic year.
- XII. Class:
- A. Importance of Attending Class
- Education comprises more than just private reading and passing of exams. Students should recognize that active and informed participation in class is essential to the development of their intellectual abilities and scholarly growth. Students must also recognize the importance, for both the present and the future, of achieving an academic record that reflects their intellectual ability. Such records are seldom achieved without regular attendance and participation in class activities. Attendance will be taken.
- B. Student Responsibility for Missed Material
- Students are responsible for all material presented and announcements made in class, regardless of attendance. It is the student's responsibility to obtain materials and assignments if absent.
- C. Unit Examinations
- Examinations should only be missed in extenuating circumstances. A student who misses an examination will be required to make up the examination on the next day of lecture. Contact the Course Faculty prior to the next lecture day to make arrangements to take the exam.
- A student who misses an examination, regardless of the reason, will have ten percent (10%) deducted from the grade achieved on the exam.
Example: The exam is worth sixty (60) points, the student takes the exam and achieves a grade of 52/60. The score of 52 is then decreased by ten percent (10%) or five (5) points, thus the grade on the exam will be 47/60. An alternate examination may be given for the make-up examination.

D. Clinical Competencies

All clinical competency exams must be successfully completed by the last clinical day of the semester. A student will receive a “0%” for any exam not taken by that date.

If a student achieves an eighty-four percent (84%) or higher on each clinical competency exam of the semester, the student has met all of the clinical requirements and will progress academically. If a student’s score on a clinical competency exam is less than 84%, the exam must be repeated. When a competency exam is repeated, the score on the original exam will be used to calculate the course grade. A total of two repeat exams is allowed per semester.

Example: If the student receives an 80% on a competency exam, the 80% score will be used to calculate the clinical grade. The student will be required to repeat the exam. The student must achieve a score of 84% or higher on the second exam and all other competency exams in the semester to progress academically.

E. Class Behavior

Once class has started, the instructor has the prerogative not to admit students into lecture. Students will be dismissed from class for any inappropriate behavior.

XIII. Other:

A. Academic Dishonesty and Plagiarism

Academic dishonesty violates the spirit and purpose of an academic community, and is therefore subject to disciplinary action. Academic dishonesty includes cheating on examinations, unauthorized duplicated submission of work, and/or unauthorized possession of exams.

Plagiarism is an act of academic dishonesty. Any work submitted that is not your own is an act of plagiarism. In preparing assignments, you must acknowledge in writing, any use of outside sources or any assistance you received in preparing an assignment.

If an instructor believes that a student has committed an act of academic dishonesty or has plagiarized material, the instructor will award a failing grade for that assignment to the student. If the occurrence is during an examination, the student will receive a zero for that portion of their grade and must leave the room.

If the student disagrees with this decision, the student may follow the grievance procedure.

XVIII.

CONTENT	HOURS	STUDENT ACTIVITIES	COURSE OBJECTIVE
<u>Lab Experience</u>	<u>Lab</u>		
(DMS 201 Abdomen)	3 hrs	Scanning Demo: Thyroid Lab Assign: Thyroid	3
(DMS 202 OB I)	7 hrs	Scanning Demo: OB-Equipment (Pelvis-TV) (OB TV) OB Complete #1-6 Lab Assign: OB Complete #1-6 OB TV Worksheet	3,4
<u>Clinical Experience</u>			
Demonstration Student Practice Sonographic Procedures	Lab: 10 hrs 20 hrs Clinical: 210 hrs	Clinical Competency: <div style="text-align: right; margin-right: 20px;">Level</div> Pelvis-TV 1 Abdomen 1 Retroperitoneum 2	1,2,3,5,6