

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

**SYLLABUS**

- I. Title: DMS 214 – ULTRASOUND IMAGING IV
- 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 210. Students will demonstrate clinical competency in specified sonographic procedures.
- III. Prerequisite: DMS 203
- IV. Placement: Year II – Semester II, concurrent with DMS 210
- V. Time Allotment: Theory 0 hours  
Clinical Laboratory 300 hours
- VI. Faculty: Brent A. Miles, RT, RDMS, RVT
- VII. Credits: 5
- IV. Evaluation:
- |                             |                   |
|-----------------------------|-------------------|
| Professional Conduct        | 70 Points         |
| Lab Assignments             | Pass/Fail         |
| 6 Clinical Competency Exams | <u>500 Points</u> |
| Total Clinical Points       | 570 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 IV, the student will demonstrate that he/she has the ability to:
1. Correlate sonographic findings with the patient history.
  2. Recognize normal and abnormal anatomy during real-time imaging.
  3. Perform basic elements of the carotid and leg vein sonogram.
  4. Demonstrate Level I competency in performing the following sonograms:
    - OB Complete
    - OB TV
    - Breast/Bx
    - Thyroid/Bx
  5. Demonstrate Level II competency in performing the following sonograms:
    - Pelvis- TA/TV
    - Abdomen Complete
- 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. 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.

E. Written Assignments:

All submitted written work must follow the College of Nursing and Allied Health Writing Guidelines.

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.

## XIV.

CONTENT	HOURS	STUDENT ACTIVITIES	COURSE OBJECTIVE
<b><u>Lab Assignments</u></b>			
	5 hr	Student Practice: OB Complete	2,3
(DMS 210 Doppler Procedures)	25 hr	Student Practice: Carotid #1-4 Leg Vein Protocol	2,3
<b>Total Lab</b>	<b>30 hrs</b>		
<b><u>Clinical Experience</u></b>			
Clinical Procedures  Competency Exams	270 hrs	Abdomen Pelvis-TA/TV Thyroid/Bx Breast/Bx OB Complete OB TV	1,2,4,5
<b>Total Clinical</b>	<b>270 hrs</b>		