

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
DMS 217 - SECTIONAL ANATOMY LABORATORY (1 CR.)**

Course Description

Provides experience with sectional anatomy. Laboratory 2 hours per week.

General Course Purpose

This course provides hands-on experience to reinforce knowledge gained in DMS 207.

Course Prerequisites/Co-requisites

The student must satisfactorily complete all previous sonography courses with a grade of "C" or better.

Course Objectives

At the completion of this course the student will be able to:

- Recognize normal abdominopelvic anatomy and physiology.
- Recognize normal vascular anatomy and physiology.
- Demonstrate knowledge of the principles of sectional anatomy.
- Differentiate among views of transverse, longitudinal and coronal planes
- Correlate sonographic images with the different planes
- Describe standard scanning protocols for abdominopelvic organs and vasculature.
- Demonstrate knowledge of common diagnostic procedures.
- Demonstrate knowledge and understanding of the indications for performing diagnostic sonography procedures.

Major Topics to be Included

- a. Principles of sectional anatomy
- b. Patient history
- c. Anatomy and physiology of abdominopelvic organs
- d. Anatomy and physiology of general vasculature
- e. Sectional anatomy of the transverse plane
- f. Sectional anatomy of the longitudinal plane
- g. Sectional anatomy of the coronal plane