

MASTER SYLLABUS

COURSE NO., HOURS AND TITLE:

RAD 479A -1, Advanced Abdominal Sonography I

COURSE DESCRIPTION:

A continuation in the study of abdominal sonography to include interventional, organ transplant, musculoskeletal, pediatric topics, clinical history, physical assessment, and appropriate exam protocol. Prerequisite: RAD 379B with a minimum grade of C. Restricted to major or consent of school. Students must receive a grade of "C" or higher to advance within the Sonography Program.

COURSE OBJECTIVES:

Upon completion of this course, the student will be able to demonstrate knowledge either orally, in writing or by demonstration of the following Sonography procedures.

1. Appropriate patient care, exam preparation, scanning technique and imaging protocol
2. for abdominal and small parts ultrasound procedures.
3. Significance of clinical history; ethics (basic student-technologist and patient rapport).
4. Interpretation of appropriate laboratory tests, related clinical signs and symptoms.
5. Clinical symptoms, pathologic/physiologic and sonographic findings related to normal and abnormal gynecologic conditions & diseases.

COURSE OUTLINE:

	Percentages
1. Liver	15%
2. Biliary System	15%
3. Pancreas	10%
4. Urinary System	10%
5. Spleen	5%
6. Retroperitoneum	15%
7. Abdominal Vasculature	5%
8. Gastrointestinal Tract	5%
9. Superficial Structures	10%
10. Scrotum and Prostate	5%
11. Neck	5%

MEANS OF STUDENT EVALUATION:

Tests	70%
Assignments	<u>30%</u>
	100%

GRADING SCALE: A = 93- 100 %
B = 85 – 92 %
C = 77 – 84 %
D = 70 – 76 %
F = below 70%

PREREQUISITE: RAD 379B

TEXTBOOK:

Hagen-Ansert, S (2017) Textbook of Diagnostic Ultrasonography 8th ed.,
Mosby, St. Louis, MO