

# DMS A275: SONOGRAPHIC REVIEW

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Item	Value
Top Code	122700 - Diagnostic Medical Sonography
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

## Course Description

Review of advanced scanning techniques and other ultrasound topics including physics and instrumentation. Interpretation of normal and abnormal sonography. PREREQUISITE: DMS A274. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Describe and recognize techniques and applications in the areas of abdominal, superficial structures, miscellaneous, vascular, and OB/GYN sonography and submit original research for publication to a medical journal.

## Course Objectives

- 1. Recognize and discuss normal and abnormal obstetrical sonography.
- 2. Recognize and discuss normal and abnormal gynecologic sonography.
- 3. Recognize and discuss normal and abnormal abdominal sonography.
- 4. Recognize and discuss normal and abnormal sonography of superficial structures.
- 5. Recognize and discuss normal and abnormal sonography of neonatal brains.
- 6. Recognize and discuss normal and abnormal sonography of the breast.
- 7. Recognize and discuss normal and abnormal sonography of peripheral vascular system.
- 8. Recognize and discuss normal and abnormal sonography of neurovascular system.
- 9. Discuss and apply principles of diagnostic physics.
- 10. Demonstrate knowledge of sonographic protocols for all areas of sonography.
- 11. Demonstrate knowledge of research and writing by submitting an article for publication in a medical journal.

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## Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)