

# DMS A255: ADVANCED VASCULAR ULTRASOUND

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Item	Value
Top Code	122700 - Diagnostic Medical Sonography
Units	2.5 Total Units
Hours	63 Total Hours (Lecture Hours 36; Lab Hours 27)
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

This is an advanced vascular course with laboratory exercises. It includes physiological arterial testing of the lower and upper extremities with pathological correlation. PREREQUISITE: DMS A155. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Integrate and analyze knowledge of arterial vascular sonography; differentiate between normal and abnormal findings.

## Course Objectives

- 1. Apply Doppler and hemodynamics to arterial sonographic imaging.
- 2. Demonstrate and apply knowledge of normal anatomy of carotids and lower extremities for arterial scanning.
- 3. Understand pathophysiology of carotids and lower extremities.
- 4. Sonography following interventional procedures.
- 5. Treatment for lower extremity arterial disease.
- 6. Treatment for carotid artery disease.

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## Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- Lab (04)
- DE Live Online Lab (04S)