

# SONO Sonography

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**SONO 3001 Sonographic Principles, Theory, and Physics I****6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.**

This course is the introduction to sonography specialties, sonographic instrumentation, propagation principles and interactions, the theoretical concepts and scanning techniques of adult and pediatric abdominal, gynecological, and obstetrical content and exam procedures, and the standards and practices related to diagnostic medical sonography.

**SONO 3001L Sono Prin, Theory, & Phy I Lab****0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.****SONO 3002 Sonographic Principles, Theory, and Physics II****5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.**

This course is a continuation of Sonographic Principles, Theory, and Physics I. It includes advanced topics to sonographic instrumentation, propagation principles and interactions. It also includes concepts and intermediate scanning techniques pertaining to invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology.

**Prerequisite(s):** A minimum grade of "C" in SONO 3001.**Corequisite(s):** RDSC 3002.**SONO 3002L Sono Prin, Theo, & Phys II Lab****0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.****SONO 3003 Sonographic Principles, Theory, and Physics III****6 Credit Hours. 4 Lecture Hours. 6 Lab Hours.**

This course is continuation of Sonographic Principles, Theory, and Physics II to include advanced concepts related to scanning techniques, invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology and other sonography specialties.

**Prerequisite(s):** A minimum grade of "C" in SONO 3002.**SONO 3100 Introduction to Sonography Clinical Education****1 Credit Hour. 1 Lecture Hour. 0-18 Lab Hours.**

Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.

**Prerequisite(s):** A minimum grade of "C" in SONO 3001.**Corequisite(s):** SONO 3002.**SONO 4101 Sonography Clinical Education I****6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical practice in performing Sonographic procedures.

**Prerequisite(s):** A minimum grade of "C" in SONO 3100 and DDTS 3001.**SONO 4102 Sonography Clinical Education II****6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical practice in performing Sonographic procedures. A minimum grade of "C" in SONO 4101.

**SONO 4103 Sonography Clinical Education III****6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.**

Supervised clinical practice in performing Sonographic procedures.

**Prerequisite(s):** A minimum grade of "C" in SONO 4102.**SONO 4200 Sonography Synthesis****3 Credit Hours. 3 Lecture Hours. 5 Lab Hours.**

A capstone course to include advanced concepts related to scanning techniques, invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology and other sonography specialties.

**Prerequisite(s):** A minimum grade of "C" in SONO 3003 and SONO 4102.