



# DIAGNOSTIC MEDICAL SONOGRAPHY

Discovering health from the inside out!

Through classwork, hands-on lab training, and real-world clinical experience, you will gain the skills required to begin a successful career in Diagnostic Medical Sonography.

## What is the Diagnostic Medical Sonography Program?

The Diagnostic Medical Sonography Program at the Pennsylvania Institute of Technology is committed to serving the local community by providing the training and education needed to fulfill the duties of a sonographer. The program goal is to prepare competent entry-level general sonographers in cognitive (knowledge), psychomotor (skills), and affective (behavior) domains.

## Why is the program beneficial to me?

A balanced curriculum of general instruction and hands-on courses offers the student an opportunity for clinical development, as well as occupational competence. Clinical sites include major hospitals, affiliates, and clinics. The Program Director and faculty will assign practicum sites. Graduates of the Diagnostic Medical Sonography Program will earn an associate's degree.

### Job Market

- Diagnostic Medical Sonographer
- Abdominal Sonographer
- Ultrasonographer
- Vascular Sonographer
- And more!

## Go Further, Faster.

In addition to being prepared for an immediate career, P.I.T. has transfer agreements with a number of colleges and universities in the area. These agreements enable you to transfer your college credits earned at P.I.T. or apply them toward a bachelor's degree offered at P.I.T. to continue your education successfully. P.I.T. will prepare you for the next step that's right for YOU!





# **DIAGNOSTIC MEDICAL SONOGRAPHY (DMS)**

## **Associate in Science (A.S.)**

### **Recommended Course Sequence**

#### **Code Course (Credits)**

##### **Health Science Domain**

BIO112	Introduction to Anatomy & Physiology (4)
ENG108	Composition (3)
PSY105	Introduction to Psychology (3)
MTH145	College Algebra and Trigonometry (3)
BIO135	Anatomy & Physiology I (4)
PHS260*	Physics for Sonography (3)
MOT115	Healthcare in a Transcultural Environment (3)
PSY109	Human Growth & Development (3)
ENG215	Analytical Writing (3)
BIO136	Anatomy & Physiology II (4)

##### **DMS Domain**

DMS101	Introduction to Sonography (2.5)
DMS103	Basic Ultrasound Physics (3)
DMS104	Abdominopelvic Sonography (4.5)
DMS111	Sonography Clinical I (1.5)
DMS203	Advanced Physics (3)
DMS204	Sonography of Obstetrics/Gynecology (3)

#### **Code Course (Credits)**

DMS205	Sonography of Superficial Structures (3)
DMS211	Sonography Clinical 2 (1.5)
DMS221	Sonography of High-Risk Obstetrics (4)
DMS222	Abdominopelvic Pathophysiology (3)
DMS223	Introduction to Vascular Technology (3)
DMS250	Sonography Clinical 3 (1.5)
DMS288	Sonography Clinical 4 (3)
DMS290	Advanced Ultrasound and Review (3)
DMS289	Sonography Clinical 5 (6)
COM108	Communications and Social Interaction (3)

**PROGRAM TOTAL: 85.5**

\*Prerequisite coursework is required.  
NOTE: Additional course(s) may be required  
based on the results of a placement test.

You can make a difference as a Diagnostic Medical Sonographer and join one of the fastest-growing fields in health care! The Diagnostic Medical Sonography Program at P.I.T. is committed to serving the local community and students by providing the training and proper education needed to fulfill the duties of a diagnostic medical sonographer. The program is dedicated to graduate students capable of attaining the status of Registered Diagnostic Medical Sonographer. Pennsylvania Institute of Technology provides access and equal opportunity to all qualified individuals who apply.



**Denise Boyle**  
Director, Diagnostic  
Medical Sonography

**Apply Now**

**Begin FAFSA**

## **CONTACT US**

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