

**Why Choose P.I.T. to prepare
you as a Diagnostic
Medical Sonography
professional?**

✓ **Transferrable Credits**

✓ **Intimate Learning
Environment and Family
Atmosphere**

✓ **Online, Hybrid and Hands-
on Learning**

✓ **Learn at Your Own Pace
with eLearning at P.I.T.**

✓ **Free Tutoring**

A.S.

**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 P.I.T. is committed to serve the local community and students in providing for the training of necessary job skills, and the proper education needed to fulfill the duties of a diagnostic medical sonographer. The program is also committed to graduate students capable of attaining the status of Registered Diagnostic Medical Sonographer. The program provides access and equal opportunity to all qualified individuals who apply.

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. Practicum sites will be assigned by the regional department chair and faculty.

Why is the program beneficial to me?

Graduates of the Diagnostic Medical Sonography Program will earn an associate's degree. Students pursuing a career in Diagnostic Medical Sonography will be uniquely prepared for jobs such as:

- Diagnostic Medical Sonographer
- Sonographer
- Ultrasonographer
- Cardiac/Vascular Sonographer
- And more



Where can I go after P.I.T.?

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. and complete a bachelor's degree at any accredited college or university. P.I.T. will prepare you for the next step that's right for YOU!

Diagnostic Medical Sonography (CBZ)

Associate in Science (A.S.)

Recommended Course Sequence

Code	Course (Credits)	DMS 203	Advanced Physics (3)
BIO 112	Introduction to Anatomy & Physiology (4)	DMS 204	Sonography of Obstetrics/Gynecology (4)
ENG 108	Composition I (3)	DMS 205	Sonography of Superficial Structures (3)
PSY 105	Introduction to Psychology (3)	DMS 211	Sonography Clinical II (1.5)
MTH 145	College Algebra and Trigonometry (3)	DMS 221	Sonography of High-Risk Obstetrics (4)
BIO 135	Anatomy & Physiology I (4)	DMS 222	Abdominopelvic Pathophysiology (3)
PHS 260	Physics for Sonography (3)	DMS 250	Sonography Clinical III (1.5)
MOT 115	Healthcare in a Transcultural Environment (3)	DMS 288	Sonography Clinical IIII (6)
PSY 109	Human Growth & Development (3)	COM 108	Communications & Social Interaction (3)
ENG 215	Analytical Writing (3)	DMS 289	Sonography Clinical IIIII (6)
BIO 136	Anatomy & Physiology II (4)	DMS 290	Advanced Ultrasound & Review (3)
DMS 101	Introduction to Sonography (2.5)		
DMS 103	Basic Ultrasound Physics (3)		
DMS 104	Abdominopelvic Sonography (4.5)		
DMS 111	Sonography Clinical I (1.5)		

PROGRAM TOTAL: 85.5

*Prerequisite coursework is required.

NOTE: Additional course(s) may be required based on the results of a placement test.

Course Highlights

DMS 103 Basic Ultrasound Physics

This course will provide students with the fundamentals of basic acoustical physics. Emphasis will be placed on frequency selection, parameters affecting the transmission of sound waves, image resolution, attenuation of sound waves, and propagation of sound through tissue.

DMS 204 Sonography of Obstetrics & Gynecology

This course focuses on the gynecological and pelvic system. Students will learn the scanning protocols of the first, second and third trimesters of the gravid uterus and fetus. Additionally, this class will identify the sonographic appearances of normal and abnormal female pelvis.

DMS 111 Sonography Clinical I

The students will be provided with clinical experience in a hospital setting. The students will become acclimated to patient flow in a functioning department. The students will apply knowledge learned in didactic courses and integrate it within the clinical setting. Direct supervision is provided by the clinical professional.

TUITION INFORMATION

Number of Terms in Program

Traditional – 6 Terms

Academic or Certification Achievement

Associate Degree for transfer to university or employment

Tuition and Fees for Associate Degree Programs

- Graduation Fee: \$100
- May exclude books and supplies, course or program fees.

*A detailed breakdown may be obtained in the financial aid office.