



Institute of Ultrasound Diagnostics

One Week Course



Document [Student Handbook/Catalog](#)

Email kgill@iudmed.com

Our one week sessions are designed to provide continuing education. These classes are ideal for sonographers who lack formal training or healthcare providers requiring continuing medical education credits. The focus will be on normal anatomy for the beginner. Individuals attending for Registry preparation will be offered an opportunity to watch more advanced lectures which have been archived and offered mock exams covering all aspects of the specialty. One week sessions are offered in Physics/Instrumentation, Vascular, Abdominal, and OB/GYN sonography. Depending upon your specific needs, you may choose didactics, only, or include “hands on” scanning with your chosen specialty.

(Classes begin quarterly – Jan., April, July and Oct.)

Prerequisites: Previous medical background required.

Physics/Instrumentation Week: During this week we provide a great foundation and operational knowledge of ultrasound. We present and emphasize the importance of understanding the physical principals and instrumentation of sonography and relate it to issues in the clinical setting of today.

Topics covered include but are not limited to:

1. Basic ultrasound wave concepts and characteristics
2. Acoustic properties of tissue and attenuation of sound in the body
3. Pulsed wave operation and parameters of basic ultrasound systems
4. A working knowledge of transducers and the characteristics of the ultrasound beam
5. The fundamentals of an ultrasound system, display and storage

We also provide you with an introduction to abdominal vasculature, landmarks, and techniques in abdominal scanning that is applied during instructor led scan labs.

Abdomen Week: Abdomen week directly emphasizes normal sonographic appearances, clinical correlations, and a working knowledge of the structures of the abdomen.

Abdominal structures covered include:

1. Vessels and landmarks

2. Liver
3. Gallbladder and biliary system
4. Renal
5. Pancreas
6. Spleen

During this week we go into more in depth abdominal scanning during our one on one scan labs. Each scanning session is tailored to the need of each individual student to meet their specific requirements. Students are able to better understand and apply what they have learned didactically.

OB/GYN Week: During the third week the normal female pelvis is covered.

Topics include but are not limited to:

1. Normal uterine and adnexal structures
2. Uterine and adnexal variants
3. Limited uterine and adnexal pathology
4. Normal 1st Trimester obstetrical examination and evaluation
5. Normal 2nd and 3rd trimester appearances, correlation, and biometric calculation
6. Transvaginal scanning technique and assessment of the female pelvis.

During this week each scan lab will be limited to transabdominal scanning techniques of female pelvis. 2nd and 3rd trimester one hour dedicated scanning sessions are available upon request at an additional fee.

Prerequisites: Previous medical background required and employer sponsorship.

ACCREDITATIONS

Licensed by the Alabama Dept. of Postsecondary Education

- | Approved by the Veteran's Administration for 38 USC 1776 under Chapter 36, Title 33, US Code.
- | Approved by the Society of Diagnostic Medical Sonographers for Category A CME credits.

1 Week Tuition & Fees (2012)

One week sessions w/ scanning \$1,000.00
 One week session (didactics only) \$850.00
 One week vascular course \$1,000.00
 Books (One week sessions) \$175.00
 Books (Vascular) \$250.00

OTHER Tuition & Fees (2012)

OB Scan Lab (per 1 hour session) \$300.00
 One day w/ scanning \$250.00
 One day (didactics only) \$150.00
 Books/Materials for Two Weeks \$425.00

**The Institute of Ultrasound Diagnostics is a private institution and requires tuition payment, in full, before the first day of class. All applications and fees must be sent one month prior to the first day of class. Special arrangements must be made directly through the corporate office at the Institute of Ultrasound Diagnostics, One Timber Way Daphne, AL 36527. If cancellation is received two weeks prior to the beginning of class, a full refund will be given. Cancellation after this time will result in the loss of the materials fee unless the attendee transfers to the next available class.

We reserve the right to cancel courses due to insufficient registrations. If the Institute cancels a course, attendees will be given the choice of transferring to a future program or a full tuition refund. Prices, schedules and CME credits subject to change without notice.

One Week (2011)

Physics/Instrumentation- January 3–7, April 4–8, July 11–15, October 3–7
 Abdomen- January 10–14, April 11–15, July 18–22, October 10–14
 OB/GYN- January 17–21, April 18–22, July 25–29, October 17–21