



VIVID 7 Technical Service Class

Course Summary

The VIVID 7 Ultrasound class introduces students to the TruScan architecture of the VIVID family of Ultrasound products. Students learn about the system's capabilities, component replacement, and how to perform the necessary preventive maintenance and repair procedures. The course is primarily hands-on lab exercises and troubleshooting problems. Labs include:

- Operation and Applications
- Configuration (System, Networking and DICOM)
- EchoPAC PC Workstation
- Hardware Identification and Replacement
- Preventive Maintenance and QA
- Troubleshooting and Software Loading

Intended Audience

Bio-meds who have service responsibility for the VIVID 7 and EchoPAC PC systems and have completed the course prerequisites.

Customer Requirements

Because of safety concerns, students are required to wear safety shoes with a steel or composite toe. A laptop is used for documentation and lab procedures.

Course Length

- 5 days

Course Prerequisites

- Essentials of Healthcare IT (Strongly Recommended)
- Ultrasound Basic Physics and Instrumentation
- VIVID 7 CD

Course Location

- Please check the schedule for location as this course is offered in multiple training locations including Waukesha, WI and Jupiter, FL.



Course Objectives

Upon successful completion of the course, participants will be able to:

- Use appropriate safety procedures (electrical and mechanical, ECPL, LOTO) when transporting, servicing and troubleshooting the system
- Operate the system to duplicate user complaints
- Configure the system, peripherals and Networking and DICOM services
- Locate and identify all modules, circuit boards and explain their primary functions
- Use system diagnostics and documentation to isolate, identify faulty components
- Perform Preventive Maintenance and QA procedures

Course Equipment

- VIVID 7 and EchoPAC PC

Related Courses

VIVID 4 and 3, VIVID i and Image Vault Server