



Image Vault Technical Service Class

Course Summary

The Image Vault Ultrasound class introduces the student to the Image Vault Dimension system, which is part of GE's group of Cardiac Ultrasound products. Students learn about the system's administrative operation, hardware components and capabilities, component replacement, connectivity to source devices and workstations, Connectivity to archive solutions, and how to perform the necessary preventive maintenance and repair procedures. The course is classroom and hands-on lab exercises and troubleshooting problems. Labs include:

- User Operation and System Administration.
- Hardware Identification and Replacement.
- Preventive Maintenance and QA.
- Connectivity with Source devices and Workstations, including using the DICOM Worklist Provider option.
- Plasmon UDO Library, connectivity to Image Vault, operation, and service.
- DICOM Archive connectivity to Image Vault.
- System troubleshooting, and System Software Catastrophic backup and recovery.

Intended Audience

Bio-meds who have service responsibility for an Image Vault system 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 PC laptop is used for viewing the course CD, documentation, and lab procedures.

Course Length

- 5 days

Course Prerequisites

- Essentials of Healthcare IT

Course Location

- Location offerings may change. Please check the schedule for current location offerings. This course is currently offered at the GE Healthcare Institute in Waukesha, WI.



Course Objectives

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

- Use appropriate safety procedures (electrical and mechanical, ECPL, LOTO) when servicing and troubleshooting the system.
- Locate and identify all major hardware modules, devices, and explain their primary functions.
- Operate the system to duplicate user complaints and complete routine administrator duties.
- Configure and test system connectivity to source lab scanners, workstations, and archive devices.
- Use system diagnostics and documentation to isolate, identify faulty components.
- Perform Preventive Maintenance and QA procedures.

Course Equipment

- Image Vault Dimension

Related Courses

Vivid 7 & EchoPAC Workstation, Vivid 4/3, Vivid i, and other GE Ultrasound product classes.