



GE Definium 8000/ Discovery 650 Basic COURSE OVERVIEW

Course: GE Definium 8000/ Discovery 650 Basic course is designed for X-ray service engineers. The course covers safety, functional checks, calibration procedures, image performance, troubleshooting techniques, and routine maintenance as prescribed by the original manufacturer. The course will be conducted on a staged and fully functional GE Definium 8000/ Discovery 650 system.

Qualifications for Admission: Students should have prior X-Ray service experience, preferably with GE X-Ray systems. They should have a minimum of a two- year degree in electronics or equivalent experience. General computer skills are also necessary; being familiar with Linux is a plus. A laptop and personnel radiation monitor is required.

Course Overview:

Class work:

- Hardware, software, and drawings overview
- System software operation and navigation
- Planned maintenance procedures
- Calibration procedure for dose, positioner, and imaging detector
- Software load, backup, and restoration
- Trouble shooting and diagnostics
- Common faults, failures, and repairs

Lab work:

- Equipment and software familiarization
- Perform calibration for positioned, dose, and detector
- Perform software load, backup, and restore
- Trouble shoot common problems

Summary: Upon Completion of the GE Definium 8000/ Discovery 650 Basic - (5) day course, the engineer should be able to provide service and use troubleshooting skills to service to the subsystem level. Hands on labs will give the engineer experience with routine maintenance, calibrations, documentation, and typical service events. Engineer will be confident and prepared for full service coverage.

Course content may change to meet student's needs.

