



GE INNOVA 2100 COURSE OVERVIEW

Course: GE Innova X100 (4100,3100,2100) system course is designed for Xray service engineers. The course covers safety, functional checks, calibration procedures, image performance, trouble shooting techniques, and routine maintenance as prescribed by the original manufacture. The course will be conducted on a staged and fully functional Innova system.

Qualifications for Admission: Students should have prior x-ray service experience, preferably with GE CT. They should have a minimum of a two- year degree in electronics or equivalent experience. Being familiar with Windows will be helpful. A laptop computer is required for this course.

Course Overview:

Features: Hardware Layout / Drawings and Diagrams / Exposure Parameters / Exposure Protocols and Image Quality

System Software

- System Configurations / Loading Software

DL/ RTAC / TITAN

- DL / RTAC / TITAN / DETECTOR

Atlas

- Functional Overview / Functional Checks / Diagnostics / Calibrations

Positioner

- Positioner Circuitry / Functional Checks / Calibrations

Generator

- Functional Overview / Functional checks / Diagnostics / Calibrations

Lab Exercises

- X-Ray Tube Change / Detector Change/ Hardware Identification / Detector and Chiller Maintenance / Error Logs / Diagnostics / Reloading Software / Preventive Maintenance / Dose Calibration

Summary: Upon Completion of the Innova X100 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 outline may change to meet student's needs