



Shimadzu MobileDart COURSE OVERVIEW

Course: This course will familiarize the student with the major components of the system, how to work safely, how to operate the system, control system(s) theory, software, communications, service tools, preventive maintenance tasks, component replacement and alignment, calibrations, diagnostic fault finding, locating parts and part numbers, and who to contact for support.

Qualifications for Admission: Students should have prior X-ray service and safety experience. They should have a minimum of a two- year degree in electronics or equivalent experience. General computer skills are also necessary. A laptop and personnel radiation monitor is required.

Course Overview: Students will perform the following:

- Identify system types and options
- Identify safety concerns
- Operate the system and test functionality of all features
- Remove covers
- Identify all the major components
- Navigate software menus and features
- Perform tasks related to software
- Troubleshoot communications issues
- Identify tools required for maintenance
- Identify high failure items
- Locate replacement procedures
- Perform Preventive Maintenance procedures
- Perform system calibrations and alignments
- Troubleshoot system-wide issues
- Locate and identify part numbers
- Locate support and escalation contact information

Summary: Upon Completion of the course, the participant should be able to provide service and use troubleshooting skills to service to the subsystem level. Hands on labs will give the student experience with routine maintenance, calibrations, documentation, and typical service events. Each participant should be confident and prepared for full service coverage by the end of this course.

Course content may change to meet student's needs.