

**Field Support Training** covers a basic understanding of the *Hi-Art* treatment system such as the system network and communication, system operation, and system components. The 9 week training track also includes a session on service tools training and troubleshooting method for the *Hi-Art* system.

## Technical Training: Course Outline

<b>Week One</b> (Theory) Feb 11 – Feb 15 Creation	M	Hi-Art Overview, Applications Training
	T	Optimizer Theory and Operation, Optimizer Operation (Hands-on)
	W	Hi-Art Software (3.x), Post Service Function Test (PS & OS)
	TH	Installation of Software, Job Expectations (Duties/Responsibilities), Master Node  Node Change, Re-Image
	F	RDS Service Pack, Basic Service Tool, Hands-on Bunker Time
<b>Week Two</b> (Theory) Feb 18 – Feb 22	M	Diagnostic Tools Operation & Hands-on
	T	PDU Theory and Operation & Hands-on
	W	Interlock Theory and Operation & Hands-on
	TH	DAS, Slip Rings, Aux Board, DRS, STC, and OBC, Cleaning Slip Rings
	F	Gantry Calibration (finish at 2:30 pm this day)
<b>Week Three</b> (Theory) Feb 25 – Feb 29	M	Basic RF Theory, 4-port circulator and SF6 Fill, Magnetron Theory and Operation
	T	SSM Theory and Operation, SSM Test Utilities
	W	Magnetron Replacement
	TH	AFC and MFL Theory and Operation, AFC Tuning
	F	AFC Tuning (free-time)
<b>Week Four</b> (Theory) Mar 3 – Mar 7	M	Injector Theory and Operation, Injector Hands-on
	T	Linac and Gun Theory and Operation, Linac and Gun Hands-on
	W	LINAC and Target Replacement
	TH	Collimation Overview (Jaws and MLC), MLC Replacement and Testing
	F	TCS Theory and Operation, TCS Hands-on

<b>Week Five</b>		Couch Theory and Operation, Couch Calibration
(Theory)	T	Logviewer, T-DAT
Mar 10 – Mar 14	W	AOM Tuning & Retune, Packaging, SAP (Service Reports), Returning Parts
	TH	Planned Maintenance, SAP Lab Exercises, PM's (5 – 8 p.m.)
	F	Planned Maintenance (finish at 5:00 pm this day)
<b>Week Six</b>	M-F	Back Home/In the field
Mar 17 – Mar 21		
<b>Week Seven</b>	M-W	In the Field
(Theory)	TH	Air Bearing
Mar 24 – Mar 28	F	Lasers, TomoPortal, Detector (Style 1 vs 2)
<b>Week Eight</b>	M	DC3 Configuration
(Theory)	T	DC3 Configuration
Mar 31 – April 4	W	DMS Configuration, MFL Tuning
	TH	High Performance Couch Training
	F	Optimizer Troubleshooting, System Troubleshooting
<b>Week Nine</b>	M	System Troubleshooting
April 7 – 11	T	System Troubleshooting
(Testing)	W	Testing (Written, Cluster & System)
	TH	Testing (Written, Cluster & System)
	F	Evaluations/Final Checkout (finish at 2:30 pm this day)\

## General Information:

### Prerequisites:

1. Ability to demonstrate a working knowledge and good understanding of PC service and Windows 2000/XP Operating System.
2. A good knowledge of X-Ray and radiation theory
3. Participants must complete the Health and Safety Training and Radiation Safety Training from TomoTherapy Regulatory Department.

### Hardware required:

1. Laptop with Windows 2000/XP
2. Cat5 (or better) Ethernet Cable with RJ-45 Connectors
3. CD or DVD Rom