

Monday

Section Description	Start Time	End Time
WELCOME/LECTURE: 1. Course Introductions: Course materials, Safety, Orientation, Course Overview. 2. EIP and IMRT introductions: Eclipse Inverse Planning introduction.	08:30 am	10:00 am
Break	10:00 am	10:15 am
LECTURE: 2. EIP and IMRT introduction: IMRT Definitions	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
LECTURE: 3. EIP Module: Treatment Process Overview with Eclipse. Inverse Planning Parameters.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
LECTURE/LAB: EIP Module: Clinical Case #1 - Review of the workflow.	3:00 pm	4:30 pm

Tuesday

Section Description	Start Time	End Time
LECTURE/LAB: 4. EIP Algorithm Overview: Dose Volume Optimizer (DVO) overview. Leaf Motion Calculator (LMC) overview.	08:30 am	10:00 am
Break	10:00 am	10:15 am
LECTURE: 4. EIP Algorithm Overview: Leaf Motion Calculator (LMC) overview. (continued)	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
LECTURE/LAB: 5. EIP Commissioning: DMLC properties and LMC configuration. DVO configuration	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm

Wednesday

Section Description	Start Time	End Time
LECTURE/LAB: 6. Prostate Clinical Case: Prostate plan - Clinical Case #2; Prostate boost with Base Dose; Plan-Clinical Case #3; Prostate boost without Base Dose; Plan-Clinical Case #4	08:30 am	10:00 am
Break	10:00 am	10:15 am
LECTURE/LAB: 7. Electronic Compensation: Electronic Compensator (planar). Irregular Surface Compensator. Field in Field Compensator -Forward IMRT	10:15 am	12:00 am
Lunch	12:00 am	1:00 pm
LECTURE/LAB: 8. Head & Neck Clinical Case: Head & Neck plan -clinical Case #5. Verification Plan on Phantom; Dicom Export and Printing.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
LECTURE: 9. Clinical experience with EIP: Invited Clinical Guest Speaker presentation.	3:00 pm	4:30 pm

Thursday

Section Description	Start Time	End Time
LECTURE/LAB: 10. IMRT delivery with dMLC: Segmented Treatment Table (STT) - concept. MLC Shaper	08:30 am	10:00 am
Break	10:00 am	10:15 am
LECTURE/LAB: 10. IMRT delivery with dMLC: MLC Anatomy and Control system (invited MLC instructor)	10:15 am	12:00 am
Lunch	12:00 am	1:00 pm
LECTURE: 10. IMRT delivery with dMLC: MLC commissioning and QA	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
LECTURE/LAB: 10. IMRT delivery with dMLC: IMRT delivery example - Dynalog files and Dynalog File Viewer	3:00 pm	4:30 pm

Friday

Section Description	Start Time	End Time
LECTURE/LAB: 11. Prostate Clinical Case - Practice: Selection Workspace Prostate plan PTV without optimization margin	08:30 am	10:00 am
Break	10:00 am	10:15 am
LECTURE/LAB: 11. Prostate Clinical Case - Practice: Prostate plan PTV with optimization margin. Course Summary and Wrap up. COURSE ENDS	10:15 am	12:00 am