

Week 1

Monday

Section Description	Start Time	End Time
Welcome: Introduction; topics to be covered; course materials. Introduction to Helios.	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture: System Overview PP. Practical Training contouring/Pelvis; Basic Contouring Tools.	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
Lecture/Lab: User Accounts, Workstation defaults, import/export configuration. Lecture Lab/Import CT, Create 3-D. Volume Image.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lecture/Lab: Registration PP.	3:00 pm	4:30 pm

Tuesday

Section Description	Start Time	End Time
Lecture/Lab: Contouring-PP	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lab: Continue practical training contouring. Advanced Contouring Tools.	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
Lecture/Lab: Practical training contouring / Breast. Advanced Contouring Tools.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab: Practical training and review of workspaces: Selection, Registration contouring.	3:00 pm	4:30 pm

Wednesday

Section Description	Start Time	End Time
Lecture/Lab: Practical Training - Field setup WS Plans, Fields, graphics, shifts. Modify iso. & field params, MLC, SAD photons.	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture/Lab: Continue Practical Training; Field set-up workspace; Blocks, Wedges, Bolus.	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
Lecture/Lab: Continue practical training - Arcs, SSD, Ext dist., Electrons, Calculations, Normalization.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab: Field weighting, Prescriptions; Reference Points; Treatment plan - head & neck; Practical training and review of field set up workspace.	3:00 pm	4:30 pm

Thursday

Section Description	Start Time	End Time
Lecture/Lab: Task - Plan Evaluation Workspace; DRR, default setting, dose viewing; DVH, Plan comparison DVH.	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture/Lab: Continue practical training; Plan Sum, printing options; Evaluation Workspace; sum multiple prescription points; plan templates, plan export.	10:15 am	11:30 am
Lunch	11:30 am	1:00 pm
Lecture/Lab: Practical Training Digitizer.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab: Practical training and Review of workspaces; selection, registration, contouring, field set-up and plan evaluation.	3:00 pm	4:30 pm

Friday

Section Description	Start Time	End Time
Lecture/Lab: Practical Training: VARiS & Irreg; RT Chart. Clinical case - IRREG plan; Irregular Field/SSD & SAD	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture/Lab: Brachytherapy. Clinical case - LDR Tandem and Ovoids.	10:15 am	11:45 am