

Daily Schedule - Eclipse Administration and Physics 8.9

Monday

| Section Description | Start Time | End Time |
|--|------------|----------|
| Welcome-Lecture. Course Introduction: Course materials. Eclipse Overview: Eclipse TPS Overview; Eclipse documentation. | 08:30 am | 10:00 am |
| Break | 10:00 am | 10:15 am |
| Lecture: Eclipse System Design: Eclipse in Windows environment, Sybase Basics, Oncology Systems Platform. | 10:15 am | 12:00 am |
| Lunch | 12:00 am | 1:00 pm |
| Lecture/Lab: Eclipse System Design: Creation of Eclipse (ARIA) user. Calculation Framework. Directory Structure Important Files. Backup Procedures. Eclipse GUI. | 1:00 pm | 2:45 pm |
| Break | 2:45 pm | 3:00 pm |
| Lecture/Lab: System Configuration and Administration: Import and export Filters. System and workstation Defaults. Class ends. | 3:00 pm | 4:30 pm |

Tuesday

| Section Description | Start Time | End Time |
|--|------------|----------|
| Lecture/Lab: System Configuration and Administration: Definition of new treatment unit. | 08:00 am | 10:00 am |
| Break | 10:00 am | 10:15 am |
| Lecture: Definition of a CT scanner. Eclipse Calculation Algorithms Overview: Pencil Beam Convolution (PBC). Generalized Gaussian Pencil Beam. | 10:15 am | 12:00 am |
| Lunch | 12:00 am | 1:00 pm |
| Lecture: Eclipse Calculation Algorithms Overview: Analytical Anisotropic Algorithm. Electron Monte Carlo (eMC). | 1:00 pm | 2:45 pm |
| Break | 2:45 pm | 3:00 pm |
| Lecture: Beam Data Acquisition and Transfer: Beam Data Requirements for PBC. Beam Data Requirements for GGPB. Beam Data Requirements for AAA. Beam Data Requirements for eMC. Beam Data Formatting and Transfer. Class ends. | 3:00 pm | 4:30 pm |

Wednesday

| Section Description | Start Time | End Time |
|---|------------|----------|
| Lecture/Lab/Hands-On Beam Model configuration: PBC model confirmation. PBC hands-on. | 08:00 am | 10:00 am |
| Break | 10:00 am | 10:15 am |
| Lecture/Lab: Beam Model Configuration: AAA model configuration. | 10:15 am | 12:00 am |
| Lunch | 12:00 am | 1:00 pm |
| Lecture/Lab: Beam Model Configuration. eMC model configuration. Electron calc. on water phantom. | 1:00 pm | 2:45 pm |
| Break | 2:45 pm | 3:00 pm |
| Hands-on: Beam Model Configuration: Electron calc. on water phantom. Model of choice configuration. Class ends. | 3:00 pm | 4:30 pm |

Thursday

| Section Description | Start Time | End Time |
|--|------------|----------|
| Lecture/Lab: Calculation Defaults. Normalization Options: Plan renormalization. Configuration of calculation defaults. | 08:30 am | 10:00 am |
| Break | 10:00 am | 10:15 am |
| Lecture/Lab: Eclipse Operation: Water Phantom Creation. Selection Workspace. Contouring Workspace. | 10:15 am | 12:00 am |
| Lunch | 12:00 am | 1:00 pm |
| Lecture/Lab: Eclipse Operation: Field Setup Workspace; Plan Evaluation Workspace. | 1:00 pm | 2:45 pm |
| Break | 2:45 pm | 3:00 pm |
| Lecture/Lab: Eclipse Operation: Plan Export and Printing. Setup fields. Plan Approval. Verification Plan and QA. Class ends. | 3:00 pm | 4:30 pm |

Friday

| Section Description | Start Time | End Time |
|---|------------|----------|
| Lecture/Lab: RT Chart Task: RT Chart. Templates. | 08:30 am | 10:00 am |
| Break | 10:00 am | 10:15 am |
| Lecture/Lab: Templates: Templates in Administration. Clinical Templates. COURSE ENDS. | 10:15 am | 12:00 am |