

**Week 1**

**Monday**

Section Description	Start Time	End Time
Lecture 1 - Staff Introductions, Course Objectives, Building Layout, Emergency Procedures, Lab Procedures & Assign Lab Groups	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture 2 - Safety Lecture	10:15 am	11:45 am
Lunch	11:45 am	1:15 pm
Lecture 3 - Vacuum Theory Review	1:15 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 1 - Vacuum System Lab	3:00 pm	4:30 pm

**Tuesday**

Section Description	Start Time	End Time
Lecture 4 - Modulator Review, Transmission Lines, Action of PFN	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lab 4 - Modulator, Observe Waveforms, Change Thyatron, Test Interlock Circuits	10:15 am	11:45 am
Lunch	11:45 am	1:15 pm
Lab 2 - Water Pump Replacement: KONA, Submersible	1:15 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 2 (con't)	3:00 pm	4:30 pm

**Wednesday**

Section Description	Start Time	End Time
Lab 3 - Calibration Procedures, KSOL, BMAG Interlock Adjustment	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lab 5 - HV Motor Driver Adjustment	10:15 am	11:45 am
Lunch	11:45 am	1:15 pm
Lecture 5 - Computer Control System Diagnostics	1:15 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 6 - Computer Control System, Diagnostics	3:00 pm	4:30 pm

**Thursday**

Section Description	Start Time	End Time
Lab 7 - Klystron Replacement, Drain Oil Tanks/Inspect, etc., Measure & Adjust Filament Voltage	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lab 7 (con't)	10:15 am	11:45 am
Lunch	11:45 am	1:15 pm
Lab 15 - Basic PRO Calibration	1:15 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 15 - Basic PRO Calibration	3:00 pm	4:30 pm

**Friday**

Section Description	Start Time	End Time
Lecture 6 - Live Beam Prep: Tuning and Alignment, Beam Steering	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lecture 6 (con't). WEEK 1 ENDS.	10:15 am	11:45 am

## Week 2

### Monday

Section Description	Start Time	End Time
START TIME: GROUP 1: 7:00AM - 12:30PM. Lab 10 - Beam Tuning: -Peak RFDR, -Dose Rate adjusting, -Gun Timing, -AFC calibration	08:00 am	10:00 am
Break	10:00 am	10:15 am
Lab 10 (con't)	10:15 am	11:45 am
Lunch	11:45 am	1:00 pm
Lab 10 (Contâ€™d) - GROUP 2: 1:00 PM - 6:30 PM	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 10 (con't)	3:00 pm	4:30 pm

### Tuesday

Section Description	Start Time	End Time
Lab 11 - GROUP 1: 7:00AM-12:30PM - Beam Scanning: -Depth of Ionization, -Flatness & Symmetry	08:00 am	10:00 am
Break	10:00 am	10:15 am
Lab 11 (con't)	10:15 am	11:45 am
Lunch	11:45 am	1:00 pm
Lab 11 (con't) - GROUP2: 1:00PM-6:30PM	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 11 (con't)	3:00 pm	4:30 pm

### Wednesday

Section Description	Start Time	End Time
Lecture 7 - Live Beam Review	08:30 am	10:00 am
Break	10:00 am	10:15 am
Lab 12/13 - Exact Couch Top Longitudinal Belt Replacement. KONA-GROUP 1: Couch Vertical Drive Belt Replacement. 21C-GROUP 2.	10:15 am	11:45 am
Lunch	11:45 am	1:00 pm
Lab 12/13 - Exact Couch Top Longitudinal Belt Replacement. KONAâ€™GROUP 2. Couch Vertical Drive Belt Replacement. 21C-ML GROUP 1.	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 13 & Couch/Chain Replacement.	3:00 pm	4:30 pm

### Thursday

Section Description	Start Time	End Time
Lab 14 - Troubleshooting (Anything is Fair!)	08:00 am	10:00 am
Break	10:00 am	10:15 am
Lab 14 - Troubleshooting (Anything is Fair!)	10:15 am	11:45 am
Lunch	11:45 am	1:00 pm
Lab 14 - Troubleshooting (Anything is Fair!)	1:00 pm	2:45 pm
Break	2:45 pm	3:00 pm
Lab 14 - Troubleshooting (Anything is Fair!)	3:00 pm	4:30 pm

### Friday

Section Description	Start Time	End Time
Lecture 8 - PMI Review	08:30 am	10:00 am
Break	10:30 am	10:45 am
Questions & Answers. Course Evaluations. GRADUATION!	10:45 am	11:00 am