

Workshop Course Schedule

This course has been designed to provide sufficient time to cover all areas of the test.

All classes will be held in the Radiation Oncology Department
Conference Room, #0110 Dowling Hall

Monday, February 20, 2012

Welcome and Classes on Radiation Physics

Morning Session

8:00-8:15 a.m.	Breakfast and introduction by faculty members
8:15-9:45 a.m.	Radioactivity, x-rays, radiation interaction with matter (EP)
9:45-10:00 a.m.	<i>Break</i>
10:00-11:30 a.m.	Anatomy (part 1)
11:30-12:30 p.m.	<i>Lunch</i>

Afternoon Session

12:30-2:00 p.m.	Quality assurance and machine calibration (EP)
2:00-3:30 p.m.	Radiation Therapy Technology (DP)
3:30-4:30 p.m.	Review session including demonstration of sample exam
4:30-5:30 p.m.	Mock exam covering radiation physics questions

Tuesday, February 21, 2012

Methods and Dose Calculation

Morning Session

8:00-8:15 a.m.	Breakfast and general discussion
8:15-9:45 a.m.	Hand Calculations (part 1) (DP)
9:45-10:00 a.m.	<i>Break</i>
10:00-11:30 p.m.	Anatomy (part 2)
11:30-12:30 p.m.	<i>Lunch</i>

Afternoon Session

12:30-2:00 p.m.	Hand Calculations (part 2) (EP)
2:00-3:00 p.m.	Review session including demonstration of sample exam
3:00-4:00 p.m.	Mock exam covering dose calculations
4:00-5:30 p.m.	Bonus help session (optional)

Wednesday, February 22, 2012

Treatment Planning

Morning Session

8:00-8:15 a.m.	Breakfast and general discussion
8:15-9:45 a.m.	Treatment planning concepts (EP)
9:45-10:00 a.m.	<i>Break</i>
10:00-11:30 p.m.	Computer based treatment planning techniques (DP)
11:30-12:30 p.m.	<i>Lunch</i>

Afternoon Session

12:30-2:00 p.m.	Radiation protection & regulations (EP)
2:00-3:45 p.m.	Review session including demonstration of sample exam questions
3:45-4:00 p.m.	<i>Break</i>
4:00-5:30 p.m.	Mock exam covering the days' classes

Thursday, February 23, 2012
Patient Set-Up, Brachytherapy and Radiation Protection and QA

Morning Session

8:00-8:15 a.m.	Breakfast and general discussion
8:15-9:45 a.m.	Localization and patient set-up techniques (EP)
9:45-10:00 a.m.	<i>Break</i>
10:00-11:30 p.m.	Radiobiology and clinical indications for radiation (DS)
11:30-12:30	Lunch

Afternoon Session

12:30-2:00 p.m.	Brachytherapy (EP)
2:00- 3:45 p.m.	Review session including demonstration of sample exam questions
3:45-5:00 p.m.	Mock exam covering the days' classes

Friday, February 24, 2012
Final Exam and Review

Final Session

8:00-8:30 a.m.	Breakfast and general discussion
8:30-10:00 a.m.	Final Mock Board Exam
10:00-11:30 p.m.	Program Review/and Critique

Disclosure

This course is not endorsed by the medical dosimetry certification board. Questions provided for the mock test are not from the MDCB test bank or the handbook and is provided to candidates to help them study for test preparation. There is no guarantee that candidates who participate in this course will manage successful completion of their MDCB examination.