



Medical Physics Board Exam Review Course Program Schedule

DAY One – Thursday, February 7, 2019

TIME	MINS	General Medical Physics Review	
08:00 – 9:00		Registration & Morning Coffee	
9:00-10:20		SESSION ONE	
09:00	20	Nuclear Physics	Belal Moftah, PhD, FCCPM
09:20	20	Radiation Interaction with Matter	Belal Moftah, PhD, FCCPM
09:40	20	Radiation Dosimetry	Belal Moftah, PhD, FCCPM
10:00	20	Radiation Safety	Belal Moftah, PhD, FCCPM
10:20	15	MORNING BREAK	
10:35-12:00		SESSION TWO	
10:35	20	Radiation Detection and Measurement	Mehenna Arib, PhD
10:55	20	Radiation Biology	Ghazi AISbeih, MD, PhD
11:15	45	Anatomy and Physiology	Dr. Iman AlJanabi, MD.MSc.
12:00	90	PRAYER TIME & LUNCH	
13:30-15:30		SESSION THREE	
13:30	25	X-ray Systems	Fahad abdukhaliq, MSc
14:55	25	Nuclear Medicine	Refaat AlMazrou, MSc., FIPeM
14:20	25	CT	Konstantinos Chantziantoniou, MSc., DABR
14:45	25	MRI	Abdullah Abu Jamea, PhD
15:10	20	Mammography	Rani Al-Senan, PhD, DABR
15:30	30	PRAYER & AFTERNOON BREAK	
16:00-17:00		SESSION FOUR	
16:00	20	Ultra Sound	Rani Al-Senan, PhD, DABR,
16:20	20	Medical Imaging Informatics	Francois DeBlois, PhD, FCCPM
16:40	20	Statistics and Data Analysis	Mehenna Arib, PhD



DAY Two - Friday, February 8, 2019

TIME	MINS	Imaging Physics Review	
09:30-11:30		SESSION FIVE	
09:30	30	X-ray Systems	Fahad Abdulkhaliq, MSc, EDMP
10:00	30	Computed Tomography (CT)	Rani Al-Senan, PhD, DABR
10:30	30	X-ray Dosimetry in Projection Imaging and CT	Mahmoud Ahmed, PGDip, RPE, MIPEM
11:00	30	Digital Image Processing	Fahad Abdulkhaliq, MSc, EDMP
11:30	120	PRAYER TIME & LUNCH	
13:30-15:30		SESSION SIX	
13:30	30	Mammography	Rani Al-Senan, PhD, DABR
14:00	30	MRI	Abdullah Abu Jamea, PhD
14:30	30	Ultra Sound	Rani Al-Senan, PhD, DABR
15:00	30	Image Quality and Medical Imaging Informatics	Francois DeBlois, PhD, FCCPM
15:30	30	PRAYER & AFTERNOON BREAK	
16:00-17:30		SESSION SEVEN	
16:00	30	Nuclear Medicine - SPECT CT	Refaat AlMazrou, MSc, FIPEM
16:30	30	Nuclear Medicine - PET CT	Rani Al-Senan, PhD, DABR
17:00	45	Problem Solving Session	All Speakers



DAY Two - Friday, February 8, 2019

TIME	MINS	Radiotherapy Physics Review	
09:30-11:30		SESSION FIVE	
09:30	30	Linear Accelerator Components	Shada Wadi-Ramahi, PhD, DABR
10:00	30	LINAC QA and Calibration	Ahmed Nobah, MSc., DABR
10:30	30	Treatment Planning: Algorithms & QA	Waleed AlNajjar, PhD, DABR,
11:00	30	Radiotherapy Dosimetry	Francois DeBlois, PhD, FCCPM
11:30	120	PRAYER TIME & LUNCH	
13:30-15:30		SESSION SIX	
13:30	25	Radiation Detectors	Umar Mwidu, MSc. DABR
13:55	25	MU Calculations	Abdullah Al-Kafi, MSc., DABR
14:20	45	Electrons	Golam Abu Zakaria, PhD
15:05	25	Shielding Calculations	Mamoun Shehadeh, MSc., DABR
15:30	30	PRAYER & AFTERNOON BREAK	
16:00-17:45		SESSION SEVEN	
16:00	30	Special Radiotherapy Procedures	Ahmed Nobah, MSc, DABR
16:30	30	Brachytherapy	Camelia Constantinescu, Ph.D
17:00	45	Problem Solving Session	Moderator: Francois DeBlois, PhD, FCCPM All Speakers