

Imaging Education & Associates, is please to offer...4 Month Accelerated Internships for MRI  
In...Fort Myers, Florida (3 weekend courses held in February, March & April) Clinical Training is Available @ Radiology Regional Imaging Centers

**Day one of each course...**

Time	Weekend #1 - February 17 - 18, 2007 Day #1 - Saturday	Weekend #2 - March 24-25, 2007 Day #1 - Saturday	Weekend #3 - April 14 - 15, 2007 Day #1 - Saturday
7:00 Registration	Continental Breakfast (provided)	Continental Breakfast (provided)	Continental Breakfast (provided)
07:30 am - 08:20 am	What do we need? (Introduction to MR hardware & safety)	Timing Diagrams & Spin Echo	Sectional Anatomy Overview of the CNS (Brain & Spine)
08:25 am - 09:15 am	What types of images? (Intro to imaging planes & image contrast)	Pulse sequences (SE, FSE, IR, GE)	Intro to Brain MR Imaging
09:15 am - 09:30 am	<b>Break</b>	<b>Break</b>	<b>Break</b>
09:30 am - 10:20 am	Why do we do MR imaging ? (History, intro to clinical MR)	Advanced Sequences (MRA, EPI, Perfusion, diffusion)	Intro to Spine MR Imaging
10:25 am - 11:15 am	Review Magnetism magnet components for the MR system	Image formation: Matrix, Gradients, Signals	Sectional Anatomy Overview of the MSK System
11:15 am - 11:30 am	<b>Break</b>	<b>Break</b>	<b>Break</b>
11:30 am - 12:20 pm	MR system Hardware- (magnets , shim, gradients)	K-space and image formation	Intro to Upper MSK MRI (TMJ, shoulder, elbow, wrist, hand)
12:25 pm - 01:15 pm	RF Systems (coils)	Adv. image formation (FSE, EPI, parallel imaging, spiral, rect FOV)	Intro to Lower MSK MRI (SI joint, hip, knee, ankle, foot)
01:15 pm - 01:30 pm	Questions & Answers	Questions & Answers	Questions & Answers
Presented by:	Candi Roth Bill Faulkner (via on-line video conference)	Candi Roth & Joy Fox	Candi Roth & Chris Wahl

**Day two of each course...**

Time	Weekend #1 - February 17 - 18, 2007 Day #2 - Sunday	Weekend #2 - March 24-25, 2007 Day #2 - Sunday	Weekend #3 - April 14 - 15, 2007 Day #2 - Sunday
7:00 Registration	Continental Breakfast (provided)	Continental Breakfast (provided)	Continental Breakfast (provided)
07:30 am - 08:20 am	What Nuclei are MR Active?	General Patient Care in Imaging	Sectional Anatomy Overview of the Body (chest, breast, abdomen, pelvis)
08:25 am - 09:15 am	Excitation & Relaxation	Pharmacology & Venipuncture	Intro to body imaging in MR (abdomen, male pelvis, female pelvis)
09:15 am - 09:30 am	<b>Break</b>	<b>Break</b>	<b>Break</b>
09:30 am - 10:20 am	MR Safety for the Static Magnetic Field	Gadolinium & Other agents in MRI	Intro to Thorax MR Imaging (chest / breast)
10:25 am - 11:15 am	MR Safety for Other System Components	MR Parameters for SNR (hardware & voxel size)	Registry Review - General Overview (content specifications & clinical requirements)
11:15 am - 11:30 am	<b>Break</b>	<b>Break</b>	<b>Break</b>
11:30 am - 12:20 pm	Introduction to Clinical Imaging (CNS & MSK)	MR Params for SNR (sampling, contrast params)	Physics, hardware and parameters review
12:25 pm - 01:15 pm	Introduction to Clinical Imaging (Body)	MR Artifacts & Options	Clinical imaging & Anatomy Review
01:15 pm - 01:30 pm	Questions & Answers	Questions & Answers	Questions & Answers

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