Full e-learning system

A full integrated e-learning system is included for students to have access around the clock to educational materials. Asynchronous access to online material: You will be given access to our main e-learning system: http://www.mredgroup.com/. This is comprehensive system in which you will have access on a weekly basis to educational material:

- handouts,
- pre-recorded lectures (PowerPoint),
- pre-recorded live chats (from previous classes),
- homework,
- quizzes assignments, and
- forums interaction with other students and instructors.

Sample snapshots of software:
Unit One: Fundamentals of MR

Introduction to the basic concepts of MRI physics and fundamentals, as well as application of these principles in the clinical setting will be discussed.

Unit One Guide: MRI Principles/Fundamentals

Tasks:
- Read assigned chapters for the week.
- MRI in Practice
- Download Outline slides to write notes
  - Chapter One: Basic Principles Outline
  - Chapter Two: Image weighting and contrast Outline

Study Lessons
- The Basics of MRI - Introduction
- MRI Principles Chapter 1 Basic Principles Part 1
- MRI Principles Chapter 1 Basic Principles Part 2
- MRI Principles Chapter 1 Basic Principles Part 3
- MRI Principles Chapter 1 Basic Principles Part 4
- MRI Principles Chapter 2 Image Weighting & Contrast

Click the links below to launch this week's Video/Chat Lectures.
- Recording: Eliminate Meeting Fri Jan 15, 8PM EST
- Recording: Eliminate Meeting Wed Jan 20, 8PM EST

Homework Assignment
- Basic Principles & Image Weighting and Contrast Homework

Take assigned Quiz (Opens: Thursday January 21 7am EST. Closes: Friday Jan 22 midnight EST)
- Unit One Quiz: MRI Principles/Fundamentals

Previous LIVE Chats: Fundamentals of MRI
- Fundamentals of MRI Live Lecture Aug 2009
- Fundamentals of MRI Live Lecture Oct 2009
- Fundamentals of MRI Live Lecture Nov 2009

Additional Readings and Useful Resources
- History of MRI
- The Early History of MRI
Unit Seven: MRI of the Musculoskeletal System: Upper & Lower Extremities

In this unit you will learn technique, positioning, anatomy and pathology of the shoulder, elbow, wrist, hips, knee, foot and ankle.

- Unit Seven Guide: MR of the Musculoskeletal System: shoulder, elbow, wrist, hips, knee, foot and ankle
- Musculoskeletal MRI Course Syllabus and Protocols

Tasks:
- Read assigned chapters for this week.
  - Sectional Anatomy for Imaging Professionals

Download Outline slides to write notes
- Unit Seven Outline: MR of the Musculoskeletal System: Technical Considerations
- Unit Seven Outline: MR of the Musculoskeletal System: The Shoulder
- Unit Seven Outline: MR of the Musculoskeletal System: MR of the Elbow
- Unit Seven Outline: MR of the Musculoskeletal System: The Wrist
- Unit Seven Outline: MR of the Musculoskeletal System: Hip
- Unit Seven Outline: MR of the Musculoskeletal System: Ankle
- Unit Seven Outline: MR of the Musculoskeletal System: Foot

Study Lessons
- Unit Seven Lesson: MR of the Musculoskeletal System: Technical Considerations
- Unit Seven Lesson: MR of the Musculoskeletal System: The Shoulder
- Unit Seven Lesson: MR of the Musculoskeletal System: MR of the Elbow
- Unit Seven Lesson: MR of the Musculoskeletal System: The Wrist
- Unit Seven Lesson: MR of the Musculoskeletal System: Hip
- Unit Seven Lesson: MR of the Musculoskeletal System: Ankle
- Unit Seven Lesson: MR of the Musculoskeletal System: Foot

Live ONSITE Class Saturday 2/27/10 Musculoskeletal MRI.... 7 Hours

Let’s Meet: Weekly Meetings! Click the Link below to launch this week's Video/Chat Lectures:
- Live Weekly Meeting: Wednesday March 3rd, 8:00PM EST

Homework Assignment
- Unit Seven Homework: MR of the Musculoskeletal System: Technical Considerations

Take assigned Quiz (Opens: Thursday March 4th 7 am EST, Closes: Friday March 5 midnight EST)
- Unit Seven Quiz: MR of the Musculoskeletal System: The Shoulder, Elbow, Wrist, Hip, Knee, Foot & Ankle

March 6 - March 12

March 13 - March 19