

# RDLGY 7063 Course Syllabus

**Course Title:** Musculoskeletal Imaging

**Course Number:** RDLGY 7063

**Course Dates:**

**Credits:** 2 Credits

**Course Times:** M-F 9:00 AM – 3:00 PM

**Conference Times:** Daily Noon Conference

**Classrooms:** Radiology Imaging Consultation Room (MSK) & Helix Conference Rooms

**Professors:** Maryam Soltanolkotabi, MD

**Coordinator:** Jessica Colon

**Email:** [Jessica.colon@hsc.utah.edu](mailto:Jessica.colon@hsc.utah.edu)

**Phone:** 801-646-6094

## Course Description

Radiology 7063 is a 2-week elective provides a general overview of musculoskeletal imaging. The course is intended to introduce students to the various modalities employed in musculoskeletal imaging, including conventional radiography, ultrasound, CT (computed tomography) and MRI (magnetic resonance imaging). Students will also be responsible for dictation of several radiographs, reviewing findings with the attending, and editing the reports on a daily basis. At the conclusion of the two-week course, students should gain a familiarity with the appropriate ordering, protocoling, and interpreting of fundamental imaging studies within the musculoskeletal system.

## Course Objectives

After successfully completing this course, you will be able to:

- Discuss the strengths and weakness of various imaging modalities in abdominal imaging, including conventional radiography, ultrasound, CT, and MRI.
- Learn how to utilize appropriateness criteria as outlined by the ACR (American College of Radiology) to select the most appropriate imaging exam for a variety of clinical scenarios.
- Obtain a rudimentary knowledge of musculoskeletal anatomy on various imaging modalities.
- Learn how to recognize fundamental disorders in the musculoskeletal system on imaging studies.

## Reading Resources

- Canvas: Musculoskeletal Imaging learning modules
- Book: [Learning Radiology](#) Recognizing the Basics 4th Edition by William Herring MD  
Review Chapter 21 - 24 pertaining to MSK imaging. (Digital copy available online through Marriot Library)

## Case Conference Participation - 12:00 – 1:00 PM Daily

Students are highly encouraged to attend the resident case conferences which are held at NOON via TEAMS or IN-PERSON. A schedule of presenters and topics will be provided for you below.

- Attend **in person** in the **Larch Conference Room** next to the Radiology Admin Office #2C115
- or [join Teams meeting link](#); Meeting ID: 242 052 204 463, Passcode: eUTddw

## Tips for Success

1. **Participate.** This class requires engagement and having discussions with the reading room mentors is a critical part of the course. You can learn a great deal from discussing your questions,

