

# RDLGY 7061 Course Syllabus

## Course Information

**Course Title:** Abdominal Imaging

**Course Number:** RDLGY 7061

**Course Dates:**

**Credits:** 2 Credits

**Course Times:** M-F 9:00 am – 5:00 pm

**Conference Times:** Daily Noon Conference

**Classroom:** Radiology Imaging Consultation Room (ABD)

**Professor:** Jeffrey Olpin M.D.

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## Course Description

Radiology 7061 is a 2-week elective provides a general overview of abdominal imaging. The course is intended to introduce students to the various modalities employed in abdominal imaging, including conventional radiography, fluoroscopy, ultrasound, CT (computed tomography) and MRI (magnetic resonance imaging). 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 abdominal imaging.

## 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, fluoroscopy, 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 abdominal and pelvic anatomy on various imaging modalities.
- Learn how to recognize fundamental disorders in the abdomen and pelvis on imaging studies.

## Reading Resources

- Canvas: Abdominal Imaging learning modules
- Book: Learning Radiology Recognizing the Basics 3<sup>rd</sup> Edition  
(Review sections pertaining to abdominal imaging in chapters 14-22)

## Case Conference Participation - 12:00 PM Daily

Students are expected to participate in case conferences which are held at noon via GoToMeeting.

Instructions:

- 1) Log on to: gotomeeting.com
- 2) Click Join in upper right hand corner.
- 3) Enter the code 499491741, then click Join.

## Conference Schedule

Date	Department	Presenter

## 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, ideas, and perspectives with your mentors. Participation can also help you articulate your thoughts and develop critical thinking skills.
2. **Manage your time.** Make time for self-study and online learning each week. If there are opportunities to job shadow in ultrasound or in the MRI/CT scan rooms, plan ahead and be on time for scheduled procedures. Talk to course director about scheduling these opportunities.
3. **Login regularly.** Log in to Canvas several times a week to view learning modules and cases. Review course book and other optional reading assignments to gain knowledge in body imaging.
4. **Test your knowledge.** Test your knowledge with the Canvas practice cases. After you become more familiar with the images and technology used to diagnose, put your knowledge to the test with the Canvas practice cases and quizzes for this course.
5. **Communicate.** If you need help with Canvas, questions with course schedule, connecting to online conferences, or other related course matters, reach out to MS Coordinator for support.

## Course Grade and Evaluation

Each student will be evaluated by their mentors at the end of this 2-week elective course with a course grade of Pass, Fail, or Incomplete. Mentors will be watching for participation, engagement, attendance, professionalism, and student's ability to share gained knowledge through this self-paced course.