**Graduate Course Anat 9567L**  
**Medical Imaging for Clinical Anatomy**  
**In conjunction with UWO SSMD Department of Medical Imaging**  
**PGY 1 Rotation - Anatomy**

**Course Coordinator**  
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**Location:** MSB 483 and UH diagnostic imaging facilities  
**Time:** Monday-Friday, Month of June, 9am-12 noon

**Course Description:**  
This 4 week rotation will have the Radiology PGY1 residents working together as a team, and alongside MSc Clinical Anatomy students from the Dept of Anatomy & Cell Biology. There may be residents from other PGY programs present as well. Residents will spend time dissecting cadavers and working with prosections, depending on resource availability each year. The residents may work on the various body areas (Thorax, Abd, Pelvis, Upper Limb, Lower Limb, Spine, Head and Neck, Face) to the extent they wish.

In working alongside anatomy students, the Radiology Residents will benefit from the anatomy students’ strengths in detailed anatomy. The Radiology residents, in turn, will share their knowledge of imaging anatomy in the following ways:

- in real time during dissection, by correlating cadaveric/prosection anatomy with medical illustration (e.g. Grant’s / Netter) or imaging anatomy (e.g. Xray for chest/skeletal, MR for muscle/joint/CNS, CT for chest/bone/abd/pelvis)
- weekly presentation with the MSc Clinical Anatomy team re: selected topics
- development of case review sessions that can go with residents as part of developing a “Teaching Dossier”. Format of this can include .ppt slides/posters in electronic format. Residents will coordinate with Anatomy Faculty re: this format.

**GOALS AND OBJECTIVES:**

**MEDICAL EXPERT/CLINICAL DECISION-MAKER:**

- Correlate gross anatomy with imaging anatomy, including congenital and anatomic variations
- Review anatomy pertinent to diagnostic radiology, with emphasis on the following areas:
  - Neuroanatomy, including head and neck (includes face, skull base, cranial nerves)
  - Thorax, including heart, lung and mediastinal spaces
  - Abdomen/pelvis, including peritoneal and extraperitoneal spaces, organs
  - Extremities, including muscle compartments, course of neurovascular bundles, muscle origins/insertions, ligaments

**COLLABORATOR:**
- Work with Residents in daily dissection / prosection to optimize learning for all

**HEALTH ADVOCATE:**
- Abide by the Department of Anatomy & Cell Biology’s policy of treating all material in the department including deceased individuals in the cadaver lab with the utmost dignity and respect

**PROFESSIONAL:**
- Behave in a professional manner (punctual, courteous, diligent, helpful)
- Attend to designated duties unless time off has been prospectively approved (ie. vacation, professional leave)

**SCHOLAR:**
- Contribute to the learning of others, with teaching of other students/residents while on rotation
- Develop Anatomy learning modules for benefit of Anatomy and Radiology learners

**Evaluation:** 80% attendance and completion of dissection and weekly presentations
Based on:
- daily performance in the anatomy labs
- presentations made weekly: Radiologists will mentor clinical anatomy students to present cases each week using imaging (PAC system) based on the region of study that week
- ITER at end of rotation (for Residents only)

Grad Students must complete all components of the course to pass and for progression in the program.

**Policy on Accommodation for Medical Illness**
(https://studentservices.uwo.ca/secure/index.cfm). Students are expected to attend the specified lab and presentation sessions. If a student must be absent from regularly scheduled presentations he/she is expected to contact the course instructor or coordinator and excuse himself/herself. A student requiring academic accommodation due to illness, should use the Student Medical Certificate when visiting an off-campus medical facility or request a Record’s Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found at:
https://studentservices.uwo.ca/secure/medical_document.pdf
o **Documentation for medical or non-medical reasons**, according to the **Policy on Accommodation for Medical Illness** is required for absences from tests. Documentation is not required for work or attendance worth less than 10% of the total course grade. When documentation is required for missing a presentation evaluation, such documentation must be submitted by the student directly to the instructor.

o The date and nature of a make-up presentation will be determined by the instructor, in consultation with the student

**Statement of Academic Offences:**

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: [http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf](http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf).

Senate regulations **require ALL** instructors to include the following statements on plagiarism, cheating and proficiency in English in the course outline:

“Students must write their essays and assignments in their own words. Whenever students take an idea or passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar).”

**Course wt:** .5 Pass/fail

**Recommended Reading & Resources:**

Netter, Grant’s, StatDx, online anatomy resources