A) General Description: The Department of Medical Imaging offers two-week elective experiences. The elective will involve a rotation through each of the following imaging modalities: plain films, ultrasound, CT, MRI and interventional radiology. In addition, the student will be scheduled to spend time reporting with both residents and staff radiologists.

B) OBJECTIVES:
At the conclusion of the elective, the student should:

- Be able to initiate appropriate radiologic procedures for checking clinical hypotheses
- Acquire information required to solve problems from the diagnostic imaging tests
- Abide by the principles in the Code of Ethics as published by the Canadian Medical Association and keep informed of changes in the code
- Apply the concept of cost-effectiveness to public health interventions as they pertain to diagnostic and interventional radiology
- Demonstrate skill in self-directed learning by:
  - Ability to identify areas of deficiency in one's own knowledge and skills.
  - Ability to find appropriate educational resources.
  - Ability to evaluate personal learning progress.
  - Ability to use new knowledge in the care of patients.
  - Opportunity to learn and apply the scientific method.
  - Determine the validity and applicability of published data through critical appraisal.
  - Develop the self-knowledge necessary for personal growth and continuous learning
- Develop the ability to work effectively as a member of a team, as participant or leader.
- Demonstrate skill in finding common ground when differences of opinion exist.
- Demonstrate the ability to communicate effectively with peers and colleagues by contributing to productive communication and co-operation among colleagues engaged in education, research, and health care.
- Establish effective relationships with colleagues and other members of the health care team by:
  - Considering their suggestions and criticisms.
  - Tactful handling of differences of opinion.
  - Providing support and direction to less experienced personnel.
  - Recognize personal biases and ensure that they do not interfere with the patient's best interests.
- Use the concepts of evidence-based medicine to guide patient care decisions.
- Develop an awareness of personal assets, biases, and limitations.
☐ Be willing to seek help, advice or consultation when needed.

In addition, while on the elective, the student should:

- Have seen many of the diagnostic and interventional procedures performed in radiology.
- Have an organized approach to analyzing common examinations.
- Be able to understand the various diagnostic procedures in an efficient manner.
- Have taken an active part in the day-to-day operation of the department, including all resident rounds and seminars.

C) Type of Clinical Experience:
   In-patient and out-patient

D) Night and Weekend Call:
   Yes ( )
   No (X)

E) EVALUATION: Summative Clinical Elective Assessment Form - to be completed by your preceptor

F) Other Comments, Regulations or Expectations:
A wide variety of clinical problems are seen in the Department of Medical Imaging every day. The student is expected to show initiative in seeing as much as possible while in the department. The amount of direct one-on-one personal instruction will vary depending on workload, personnel, holiday and conference time. Students will be encouraged to utilize self-learning teaching aids (i.e. teaching file, computer video disks, CD-ROMS, etc.). Special requests will be taken into consideration, where possible.

NON-LOTTERY:
Medical Imaging rotations - note: Registration is NOT through the 4th Year Electives Lottery. Requests are only processed via the Windsor Non-Lottery 4th Year Elective Request form located on the Medicine 5401 – Year 4 Clinical Sciences Electives web page

REGISTRATION:
https://www.schulich.uwo.ca/medicine/undergraduate/academic_resources/year_4/windsor_nonlottery_4th_year_elective.html