

ELECTIVE NAME:

Diagnostic Radiology: Radiation Oncology

COURSE NO:

RAD 609

PREREQUISITE:

Required Medicine Clerkship

INSTITUTION:

Spectrum Health Butterworth
Saint Mary's Health Care

OBJECTIVES:

- 1) The student will learn the proper use of diagnostic procedures in radiology.
- 2) The student will become familiar with the diagnostic radiology subspecialties.
- 3) The student will gain a broad knowledge of radiology literature.
- 4) The student will understand how the radiologist can help the clinician diagnose and treat disease.
- 5) The student will know the indications for various radiographic examination, their capabilities and limitations.

DESCRIPTION:

Designed to give the student an opportunity to participate in the evaluation and management of patients with neoplastic conditions in a radiation oncology department. The student will have an opportunity to work closely with radiation oncologists to learn specialized examination techniques. The student will see how available treatment options for cancers and related conditions are developed and posed, learn the basis for treatment recommendations, become aware of the technical challenges of radiation therapy, and better understand the medical and psycho-social problems encountered in patients with a serious illness with uncertain outcomes. The student will also learn how radiation biology and radiation physics are integrated into clinical practice.

EVALUATION:

Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship. Faculty are encouraged to provide ongoing feedback throughout the elective rotations.