

Course: **Diagnostic Radiology (RAD 1501)**

Department: Radiology

Course: Diagnostic Radiology (15-01)

Faculty Coordinator: C.W. Hooser, M.D.

Hospital: Sprague Building CS0.407

Periods offered: Periods 2-9

Length: 4 weeks

Max no of students: 40

First Day Contact: [Carey Chafouleas](#) , Phone: 214-648-3357,

Fax: 214-648-2990

First Day Time: 10:00 a.m.

First Day Place: Sprague Bldg. CS0.407 Radiology Dept.

Prerequisites:

(1) Student will have a copy of "Fundamentals of Radiology" by L. Squire checked out to them while on the elective.

(2) Junior students **may not** take the elective until period 5 and they must have had at least one rotation on medicine, surgery or pediatrics.

I. Course Objectives:

a. To provide a broader understanding of the principles of radiology and a familiarity with the many diagnostic techniques available, their values and limitations, and how they may best be used in the management of the patient.

b. To train the student in the basic skills of roentgen interpretation with emphasis on chest and abdomen.

II. Methods of instruction:

A) Didactic (schedule, topic, faculty)

There are about 60 faculty contact hours (3 hr/day) employing about 20 faculty. About 48 of these hours consist of didactic lectures with 8 hours of seminars during which the students present assigned "unknown cases".

Blocks of time are set aside each day for the student to study packets of teaching films each of which contain a written description of the pertinent findings (a "programmed text" format).

B) Clinical (schedule, faculty teaching, house staff teaching)

None (No patient contact)

C) Student responsibilities (and to whom accountable)

Students must attend 80% of lectures with signatures gathered at each lecture to ensure compliance (some time off for interviews is permitted). The student is expected to complete all of the teaching files. Each student is assigned a "Personal Unknown" which must be presented and discussed during the course.

III. Method of evaluation of students:

The student evaluation is based on the quality of his participation in class discussions and on his ability to interpret his "Personal Unknown" films.