

<b>Faculty In Charge Of Course:</b>	Mark A. Farnie, M.D.
<b>Participating Faculty:</b>	Francisco Fuentes, M.D. & Cardiology Faculty
<b>Location:</b>	Memorial Hermann Hospital
<b>Prerequisites:</b>	None
<b>Streams Offered:</b>	All streams
<b>Max. # Students/3-week Period:</b>	1 Student / Period A only

### Course Objective

#### Material Covered:

This third-year elective will introduce students to the Cardiology subspecialty of Internal Medicine. Specific learning objectives for this third-year elective are as follows:

#### Objectives:

By the end of this elective, the student will be able to:

- Conduct a focused history and physical examination appropriate for cardiac patients
- Correctly interpret electrocardiographic tests

#### Skills Acquired:

Students will have the opportunity to practice their cardiac physical examination skills and electrocardiographic interpretation.

### Activities Of Elective

**Number Of New Patients/Student/Week:** 3-7

#### Responsibilities Of Student For Assigned Patients:

Does history/physical:	Yes
Who critiques:	Faculty
Follows patients, with appropriate notes as needed:	Yes
Who supervises:	Faculty
Does student see ambulatory patients:	No

Procedures	Observe	Perform
Treadmills	X	
Cardiac catheterization	X	
Nuclear studies	X	
Electrocardiograms	X	X
Temporary pacemakers	X	
Swan-ganz catheterization	X	
Echocardiograms	X	

### Scheduled Duties of Student:

Frequency of rounds on patients:	Daily
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	Daily teaching rounds lasting 1-2 hours; daily EKG teaching lasting 1 hour

### Describe Optional Rounds And Activities, If Any:

Ability to observe treadmills, nuclear studies, echocardiograms, and Holter monitors in heart center

### Other Required Activities:

Reading/review of current literature:	Yes
Writing or presenting a paper:	No

### How Is Student Evaluated:

This elective is pass/fail. Students will be evaluated by faculty based on their attendance and participation in didactic sessions and attendance at clinical assignments and participation in clinical activities. The students are evaluated based on the demonstration of their accomplishment of the objectives. Mid-rotation feedback in writing is required for all students.