

<b><u>Title of Clerkship:</u></b>	<b>Adult Cardiac and Thoracic Surgery</b>
<b><u>Elective Type:</u></b>	Fourth Year Medical Student Elective
<b><u>Department:</u></b>	Surgery
<b><u>Type of Elective:</u></b>	Clinical <input checked="" type="checkbox"/> Non-Clinical/Research <input type="checkbox"/> Basic Science <input type="checkbox"/>
<b><u>Clerkship Site:</u></b>	St. Joseph Mercy Hospital, Ypsilanti, MI
<b><u>Course Number:</u></b>	SURG 704
<b><u>Blocks available:</u></b>	All
<b><u>Number of students per block:</u></b>	1
<b><u>Faculty:</u></b>	Manak Sood, M.D.
<b><u>Elective Description/ Requirements:</u></b>	Students will be given an individualized opportunity to participate in the activities of the Division of Adult Cardiac and Thoracic Surgery. Opportunities may be available for clinical experience in the operating room, in management of adult cardiac and thoracic surgical patients or in clinic. The focus will be the development of the basic and clinical sciences as they pertain to cardiac and thoracic surgical procedures.
<b><u>Length of Clerkship:</u></b>	4 weeks
<b><u>Links to Core Competencies</u></b>	<b><u>Educational Course Objectives:</u></b> At the end of the rotation the student will be able to:
IPC-1, IPC-2, PC-1, PC-2, PC-3, PC-4, PC-7, PC-8, MK-4, MK-7	1. Obtain and document a surgical history and physical examination
PC-2, PC-3, PC-7, PC-8, MK-1, MK-2, MK-7	2. Demonstrate an understanding of the indications for cardiac or thoracic surgical procedures.
PC-1, PC-3, PC-7, PC-8, PC-10, MK-6	3. Demonstrate the ability to understand the important anatomic findings related to the various normal and pathologic conditions encountered on the service.
PC-7, PC-8, MK-5, MK-7	4. Demonstrate an understanding of preoperative evaluation and postoperative ventilator management , pulmonary care, hemodynamic monitoring, pharmacologic cardiovascular treatment, and chest/mediastinal tube management
PC-9, PC-10, MK-1, MK-2, MK-7	5. Appropriate use of imaging, endoscopic, and diagnostic modalities and recognition of abnormalities
PC-6, MK-7	6. Demonstrate an understanding of common mechanisms of disease related to acquired cardiovascular disease
PC-2, PC-3, PC-7, PC-8, MK-1, MK-2, MK-7	7. Demonstrate an understanding of the key steps of procedures performed while on the service
PC-2, PC-3, PC-7, PC-8, MK-1, MK-2, MK-7	8. Demonstrate an understanding of nutritional assessment and ventilator management
	9. Demonstrate an understanding of the basic science of wound healing and wound management
<b><u>Professionalism:</u></b>	UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Education Program Objectives and Educational Course Objectives for the Sponsoring Department.

**Instructional  
Methods:**

1. Interpretation of lab data
2. Diagnostic tests/use and interpretation
3. Small group discussion
4. Case studies
5. Ambulatory care experience
6. Grand Rounds
7. Teaching Rounds
8. Residency program/department conferences

**Evaluation methods  
Employed**

1. Clinical competency evaluations
2. Faculty/Resident observation
3. Professional assessments
4. Attendance
5. Case write up

**Prerequisites:**

Successful completion of required Surgery clerkship.

**Clerkship Director:**

Stephanie Pannell, M.D.

**Clerkship**

**Coordinator:**

Claudia Davis

**Phone Number:**

419.383.3580

**Email:**

[Claudia.davis@utoledo.edu](mailto:Claudia.davis@utoledo.edu)

**Special  
Requirements:**

Rotation requires approval from clerkship director through the coordinator. Participation in night call is recommended because many cases come in after hours. A call schedule will be arranged per individual.