

<b><u>Title of Clerkship:</u></b>	Urology Elective – Intro to Laparoscopy and Surgical Robotics(4 weeks)
<b><u>Elective Type:</u></b>	Fourth Year Elective
<b><u>Department:</u></b>	Urology
<b><u>Type of Elective</u></b>	Clinical <u>  X  </u> Non-Clinical/Research _____ Basic Science _____
<b><u>Clerkship Site:</u></b>	St. Vincent's
<b><u>Course Number:</u></b>	UROL704
<b><u>Blocks available:</u></b>	1
<b><u>Number of students per block:</u></b>	1 (one)
<b><u>Faculty:</u></b>	Dr. Saleem Zafar
<b><u>Elective Description/ Requirements:</u></b>	This course will review the fundamentals of laparoscopic surgery including indications, complications, physiology and basic techniques as well as other didactic information that will set the stage for skills training in a specialized laboratory setting. Basic skills will precede eventual training in complex tasks such as laparoscopic suturing. Students will be expected to practice these skills independent of the course training. All students will be introduced and trained on the robot during the course.
<b><u>Length of Clerkship:</u></b>	<b><u>Educational Course Objectives:</u></b> <i>At the end of the rotation you will be able to:</i>
<b><u>Links to EPOS</u></b> <b><u>MK4,MK5,Mk6</u></b> <b><u>MK,9, MK14,MK16</u></b> <b><u>PCI,PC3,PC4,PC6,PCI0</u></b> <b><u>PBI,PB3,PB4,PB5</u></b>	<ol style="list-style-type: none"> <li>1. Students will demonstrate knowledge of basic principles of laparoscopic surgery</li> <li>2. Student will be able to discuss physiologic effects of pneumoperitoneum, indications and contradictions to laparoscopy, patient positioning and port placement, laparoscopic instruments and their use, and basic laparoscopic surgical techniques.</li> <li>3. Student will demonstrate independent learning as a means of gaining surgical skill</li> <li>4. Student will demonstrate acquisition of surgical skills in the laparoscopic environment through laboratory training and simulations</li> <li>5. Student will be able to complete defined tasks including ultimately laparoscopic suturing</li> </ol>
<b><u>IPC4</u></b>	
<b><u>Professionalism:</u></b>	UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the Educational Course Objectives for the Sponsoring Department.
<b><u>Instructional Methods:</u></b>	<ol style="list-style-type: none"> <li>1. Assigned readings</li> <li>2. Individualized tutelage on pelvic trainers</li> <li>3. Video recording and review of task training</li> </ol>
<b><u>Evaluation methods employed:</u></b>	<ol style="list-style-type: none"> <li>1. Mastery of didactic information will be measured with written quiz testing the students assimilation of lecture and reading material</li> <li>2. Data for all skills acquisition will be measured by time to perform certain tasks and ability to complete complex tasks. Successful course completion will not require a certain score, but will require effort as evidenced by improvement in objective performance.</li> <li>3. Professional assessments</li> <li>4. Attendance</li> </ol>
<b><u>Prerequisites:</u></b>	Successful completion of Surgery Clerkship (SURG703)
<b><u>Clerkship Director:</u></b>	Puneet Sindhvani, M.D.
<b><u>Clerkship Coordinator:</u></b>	Karen M. Boling, <a href="mailto:Karen.boling@utoledo.edu">Karen.boling@utoledo.edu</a> 419-383-3505
<b><u>Special Requirements:</u></b>	On call and other special requirements will be at the discretion of your preceptor. The student will be required to be in the physician's office during office hours each day unless otherwise specified by the preceptor