

<b>Faculty In Charge Of Course:</b>	Drs. Beatriz Cua and Nathan Strobel	nathaniel.strobel@uth.tmc.edu
<b>Participating Faculty:</b>		
<b>Location:</b>	Memorial Hermann Hospital, Pediatric Critical Care Unit	
<b>Offered:</b>	Each period	
<b>Max. # Students/Period:</b>	1	

**Course Objective**

**Material Covered:**

The student will function as intern ("acting intern") under the immediate supervision of a senior pediatric resident and critical care faculty. Assignments and patient care responsibilities will encompass the entire spectrum of intensive care pediatrics including trauma and surgical conditions. 100% of the time will be spent in patient care.

**Skills Acquired:**

Initial assessment & stabilization of the critically ill child; application of physiologic principles to the patient's clinical condition; prevention, detection, & treatment of life-threatening complications; management of medical & surgical conditions in intensive care setting; and hemodynamic, respiratory, and metabolic monitoring and support of the pediatric trauma patient.

**Activities Of Elective**

**Number Of New Patients/Student/Week:** 3 - 5

**Responsibilities Of Student For Assigned Patients:**

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

<b>Procedures</b>	<b>Observe</b>	<b>Perform</b>
Lumbar punctures		X
Endotracheal intubation & arterial line access		X
Central venous access		X

**Scheduled Duties of Student:**

Frequency of rounds on patients:	Twice daily, 2-1/2 hours per day
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	Noon Conf, Dept. of Pedi., daily, Noon -1pm; Pedi. Grand Rounds, Tues, 8-9am PICU Conf, Mon., Wed, Fri., 10:30 – 12:00

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

Pediatrics Radiology 10:30-11:00am

**Other Required Activities:**

Reading/review of current literature:	Yes, 14 hours per week
Writing or Presenting a paper:	No

**How Is Student Evaluated:**

The student will be exposed to all members of the Critical Care Division faculty. These individuals will participate in the evaluation and guidance of the student during the rotation and will provide feedback at frequent intervals. Exposure to faculty from various surgical disciplines (i.e. Plastics, Neurosurgery, and Pediatric Surgery) will also occur depending on patient census and specific student assignments. These faculty will also participate in the evaluation process. Evaluation will be based on subjective observations of performance and patient work-ups.

**Who Evaluates Students:**

See above

**Unique Features Of This Elective:**

Exposure to detailed evaluation and management of critically ill pediatric patients under the continuous guidance of full-time pediatric critical care faculty.