

Time	Red Group	Blue Group	Green Group	Yellow Group
7:00	Course Introduction & Breakfast			
7:45	Airway Lab	Airway Lab	Ultrasound-guided Vascular Access	Ultrasound-guided Vascular Access
9:30	Ultrasound	Landmark vascular access / review	Multiple Procedures	Multiple Procedures
10:00		Ultrasound		
11:00	Landmark vascular access / review	Ultrasound		
12:30	Lunch			
1:15	Ultrasound-guided Vascular Access	Ultrasound-guided Vascular Access	Airway Lab	Airway Lab
3:00	Multiple Procedures	Multiple Procedures	Ultrasound	Landmark vascular access / review
3:30			Landmark vascular access / review	Ultrasound
4:30				
6:00	Module and Skills Q & A			
6:30				

**\*\*NOTE: ALL GROUPS WILL BE EQUAL & HAVE NO MORE THAN 10 STUDENTS\*\***

#### **Multiple Procedures Lab**

Stations 1 --- 2: Lumbar puncture (and spine ultrasound)  
 Stations 3 --- 4: Thoracentesis (ultrasound---guided)  
 Stations 5 --- 6: Paracentesis (ultrasound---guided)  
 Station 7 --- Suturing station/needle decompression  
 Station 8 --- Chest tube placement/ Pigtail catheter placement

#### **Airway Lab**

Station 1 --- 3: Intubation, LMA, King tube, use of stylets  
 Station 4: Difficult intubation  
 Station 5 - 6: Glidescope with adult manikin  
 Station 7 --- Glidescope with pediatric manikin  
 Station 8 - Cricothyroidotomy (**two-day course only**)

#### **Ultrasound-guided Vascular Access Lab**

Station 1 --- 3: ultrasound---guided central line placement  
 Station 4 --- Start---to---finish central line placement  
 Station 5 --- ultrasound-guided peripheral IV  
 Station 6 --- vein cannulation using vascular block

#### **Ultrasound Lab**

Chest (pleura), abdomen (E---FAST), hemodynamics (contractility, chamber sizes, IVC, and pericardium), and RUSH exam

#### **Landmark-guided Vascular Access Lab/Review**

Stations 1 --- 3: Internal jugular or subclavian line placement  
 Station 4 --- Radial arterial line placement  
 Station 5 --- EZ---IO / intraosseous lines  
 Station 6 - Review Ultrasound Principles and Basics of Airway Management