Week 1: January 29 - February 2, 2018					
Monday, January 29	Tuesday, January 30	Wednesday, January 31	Thursday, February 1	Friday, February 2	
	8:00-8:30 Small Groups: Review and discuss assignments		8:00-8:30 Small Groups: Review and discuss assignments Learning Studios		
<u>8:00-8:50</u>	Learning Studios			<u>8:00-8:50</u>	
Introduction/Overview of course, teaching goals TMEC Amphitheater	8:40-9:30 Flow Through Tubes TMEC Amphitheater		8:40-9:30 Muscle Contraction, Contractility of the Heart and Blood Pressure TMEC Amphitheater	Chest X-Ray Anatomy Basic Interpretation Learning Studios	
<u>8:55-9:50</u>	1МБС Атришешег		ТИЕС Атришешег	<u>9:00-9:50</u>	
Overview of organ systems and anatomy of thorax TMEC Amphitheater	9:40-11:10 Lungs and thorax: Anatomy, Radiology & Histology	РОМ	9:40-11:10 Heart and Blood Vessels: Anatomy, Radiology & Histology	Flow Limitation TMEC Amphitheater	
10:00-11:10 Functional Anatomy of lungs and thorax small groups	Gross Labs + Learning Suites 11:20-12:30		Gross Labs + Learning Suites	10:00-11:10 Compliance of cardio-respiratory systems mini-cases	
Learning Studios	Flow Thru Tubes Mini Cases		<u>11:20-12:30</u>	Learning Studios	
<u>11:15-12:30</u>	Learning Studios		Discussion of cardiac contractility and control of circulation mini cases	<u>11:20-12:30</u>	
Functional anatomy of the heart Learning Studios	12:30-1:30 Office Hours TMEC 328		Learning Studios	Pulmonary function mini-cases Pt. 1 Learning Studios	
			Patient Clinic - Asthma TMEC Amphitheater		
			тиве лириинешег		

Week 2: February 5 - February 9, 2018					
Monday, February 5	Tuesday, February 6	Wednesday, February 7	Thursday, February 8	Friday, February 9	
	<u>8:00-8:50</u>		<u>8:00-8:50</u>		
	Small Groups		Small Groups		
	Learning Studios		Learning Studios	<u>8:00-8:50</u>	
<u>8:00-8:50</u>				Physiology of Exercise	
Small groups	<u>9:00-9:50</u>		<u>9:00-10:00</u>	TMEC Amphitheater	
Learning Studios	Functional Anatomy of the Pulmonary Vasculature, Alveoli		Overview of the Cardiac Cycle		
<u>9:00-9:50</u>	Learning Suites		TMEC Amphitheater	9:00-9:50	
Pharmacology of the Autonomic Nervous System	<u>10:00-11:00</u>		<u>10:10-11:15</u>	Overview of ECG TMEC Amphitheater	
TMEC Amphitheater	Intro to Acid-base physiology and Control of Ventilation	POM	Hemodynamics mini-cases		
<u>10:00-11:10</u>	TMEC Amphitheater	Tom	Learning Studios	10:00-11:20 Exercise Physiology mini-cases	
Pulmonary function minicases Pt. 2	<u>11:10-12:30</u>		<u>11:25-12:30</u>	Learning Studios	
Learning Studios	Alveolar stability and LaPlace's Law; Intro to gas exchange: Hypoxemia mini-		Control of ventilation, dyspnea and acid base mini-cases	<u>11:30-12:30</u>	
11:20-12:30	<u>cases</u> Learning Studios		Learning Studios	Gas exchange, Part 2 & CO poisoning mini-cases	
Peripheral and coronary circulation mini-cases			<u>1:30-2:30</u>	Learning Studios	
Learning Studios	<u>12:30-1:30</u>		Patient Clinic - Diaphragm Paralysis		
	Office Hours		TMEC Amphitheater		
	TMEC 328				

	Week 3: February 12 - February 16, 2018					
Monday, February 12	Tuesday, February 13	Wednesday, February 14	Thursday, February 15	Friday, February 16		
	<u>8:00-8:50</u>					
<u>8:00-8:40</u> Small Groups	ECG's: Hands-on ECG and Echo with review of basic principles Learning Suites		8:00-9:00 Feedback with faculty / Small Groups	<u>8:00-9:20</u>		
			Learning Studios	Quiz 1		
Learning Studios	9:00-9:50		J	Learning Suites		
<u>8:50-9:50</u>	Intro to atherosclerosis and CAD, hypertension		<u>9:00-10:00</u>			
Hematopoiesis and Growth Factors	TMEC Amphitheater		Clinical coronary artery disease	<u>9:30-10:00</u>		
TMEC Amphitheater	10.00.10.20		TMEC Amphitheater	Quiz Review TMEC Amphitheater		
10:00-11:10 Coronary anatomy and imagining; pathology/histology of atherosclerosis, LVH Learning Suites	Nutritional Anemia (Fe, Megaloblastic) mini-cases; Include dyspnea, oxygen delivery to revisit card/pulm Learning Studios	РОМ	Acute & Chronic coronary artery disease mini-cases Learning Studios	10:00-12:30 Simulation Exercise/Self-directed learning and student 1 on 1 feedback sessions Learning Suites		
	12:30-1:30 Office Hours		1:30-2:30			
<u>11:20-12:30</u>			Patient Clinic - Acute MI	<u>12:30-1:30</u>		
Approach to Anemia	(Schwartzstein)		TMEC Amphitheater	Faculty complete		
TMEC Amphitheater	TMEC 328			feedback sessions with remaining students		
12:45-2:00 Office Hours	3:30-4:30 Office Hours		<u>2:35-3:30</u>	Corner Classrooms, Labs		
(Cockrill)	(Shafer)		Office Hours			
TMEC 330 Lab	TMEC 306		TMEC 106			

Week 5: February 26 - March 2, 2018					
Monday, February 26	Tuesday, February 27	Wednesday, February 28	Thursday, March 1	Friday, March 2	
	8:00-8:50 Transition from fetal circulation to extrauterine life TMEC Amphitheater		<u>8:00-8:50</u>	8:00-9:20 Quiz 2	
	<u>9:00-10:20</u>		Feedback session + Small group	Learning Suites	
<u>8:00-8:50</u>	Pathology and imaging in Heart Failure		Learning Suites	<u>9:30-10:00</u>	
Embryology of Heart Disease TMEC Amphitheater	Learning Studios		9:00-10:40 Pathology of congenital	Quiz Review TMEC Amphitheater	
	<u>10:30-11:20</u>		heart disease Learning Suites		
9:00-9:50 Pactrictive Pathonhysiology	Valvular heart disease		Learning States	10:00-12:30	
Restrictive Pathophysiology TMEC Amphitheater	TMEC Amphitheater 11:30-12:30 Pharmacology associated with valvular heart disease	POM	10:50 - 12:30 Congenital heart disease mini-cases	Simulation Exercise/Self-directed learning and student 1 on 1 feedback sessions Learning Suites	
10:00-12:30 Pathology of interstitial lung	and heart failure Learning Studios		Learning Studios		
disease; restrictive pathology mini-cases			1:30-2:30	12:30-1:30 Faculty complete	
Learning Studios	12:30-1:30 Office Hours		Patient Clinic - Cardiomyopathy	feedback sessions with remaining students Learning Suites	
	(Schwartzstein)		TMEC Amphitheater	Learning Sailes	
	TMEC 328 3:30-5:00				
	(Come)				
	TMEC 306				

	Week 6: March 5 - March 9, 2018					
Monday, March 5	Tuesday, March 6	Wednesday, March 7	Thursday, March 8	Friday, March 9		
	<u>8:00-8:50</u>					
	Heart Block					
8:00-8:50	Learning Studios		<u>8:00-8:50</u>			
Small groups: review and discuss assignments from prior night	9:00-9:50		Arterial blood gas, acid base Learning Studios	<u>8:00-8:50</u>		
Learning Studios	Congenital and acquired hemolytic anemias		9:00-9:5 <u>0</u>	Team Performance Survey / Society Based		
9:00-9:50	TMEC Amphitheater		Pericardial Disease	Learning Studios		
<u>Hemoglobinopathies</u>			TMEC Amphitheater			
	<u>10:00-11:10</u>			9:00-9:50		
TMEC Amphitheater	G6PD, TTP, mini-cases		<u>10:00-11:10</u>	Non-malignant leukocyte disorders		
10:00-12:30	Learning Studios	POM	Gas Exchange - integrative session respiratory, cardiovascular, hematology	TMEC Amphitheater		
Sickle cell disease, thalassemia intermedia	11:20-12:30		Learning Studios			
mini-cases	Respiratory failure and mechanical ventilation			10:00-12:30 Lab: Evaluation of		
Learning Studios	Learning Studios		<u>11:20-12:30</u>	blood and bone marrow; bone marrow mini-cases		
12:30-1:30			Exercise in Disease states			
Office Hours	<u>1:00-2:00</u>		Learning Studios	Learning Suites		
(Schwartzstein)	Office Hours		1:30-2:30			
TMEC 328	(Cockrill)		Patient Clinic - Thalassemia			
	TMEC 328		intermedia			
			TMEC Amphitheater			

	Week 7: March 12 - March 16, 2018					
Monday, March 12	Tuesday, March 13	Wednesday, March 14	Thursday, March 15	Friday, March 16		
			<u>8:00-8:50</u>			
			<u>Tachyarrhythmias</u>	<u>8:00-9:20</u>		
	<u>9:00-9:50</u>		TMEC Amphitheate	Quiz 3		
<u>8:00-8:50</u>	Intro to Hemostasis			Learning Suites		
Pulmonary hypertension	TMEC Amphitheater		<u>9:00-10:20</u>			
TMEC Amphitheater	1		Thrombophilia and	9:30-10:00		
			Anticoagulants; Pharmacology of Anticoagulants and anti-	Quiz Review		
9:00-10:00	<u>10:00-11:10</u>		platelet agents	TMEC Amphitheater		
Atrial fibrillation mini-	ITP, vWD mini-cases		TMEC Amphitheater			
cases	Learning Studios					
Learning Studios			<u>10:30 - 11:30</u>	10:00-12:30		
	<u>11:20-12:30</u>	POM	Pleural disease mini-cases	Simulation Exercise/Self- directed learning and student 1 on 1 feedback		
<u>10:20-11:20</u>	Hemophilia, Inhibitor			sessions		
Pulmonary hypertension RV function-heart failure	mini-cases		Learning Studios	Learning Suites		
mini-cases; Review HF concepts in general	Learning Studios					
Learning Studios			<u>11:40 - 12:30</u>	12:30-1:30		
	12:30-1:30		Pericardial Disease mini-cases	Faculty complete feedback		
11.20 12.20	Office Hours		Learning Studios	sessions with remaining students		
<u>11:30-12:30</u>	(Schwartzstein)			Learning Suites		
Cardiopulmonary interactions minicases	TMEC 328		1:30-2:30			
Learning Studios						
			Patient Clinic - Hemophilia			
			TMEC Amphitheater			

	Week 8: March 19 - March 23, 2018					
Monday, March 19	Tuesday March, 20	Wednesday, March 21	Thursday, March 22	Friday, March 23		
	8:00-8:50 Small groups: review and		8:00-8:50	8:00-8:30		
<u>8:00-8:50</u>	discuss assignments from Friday (heme)		Small Groups: Review and discuss assignments from prior night	Team Performance Based Survey / Society Based		
Small Groups: Review and discuss assignments from Friday	Learning Studios		Learning Studios	Learning Studios		
Learning Studios	<u>9:00-9:50</u>		9:00-9:50	<u>8:40-9:20</u>		
	Transfusion Medicine		Leukemia/Lymphoma	Myeloproliferative Disorders and MDS		
9:00-10:00	TMEC Amphitheater		TMEC Amphitheater	TMEC Amphitheater		
Chest Infections- pneumonia	<u>10:00-11:00</u>		10.00.11.10	9:30-11:20		
TMEC Amphitheater	Stem Cell transplant	POM	10:00-11:10	Myeloproliferative Disorders		
	TMEC Amphitheater		Acute Leukemia mini-cases	and stem cell mini-cases		
<u>10:10-11:15</u>			Learning Studios	Learning Studios		
Community acquired pneumonia: pneumonia in the immuno-compromised	11:10-12:30 Transfusion reaction mini-		<u>11:10-12:30</u>	<u>11:30-12:30</u>		
host mini-cases	case		Lymphoma mini-cases	PE mini-cases		
Learning Studios	Learning Studios		Learning Studios	Learning Studios		
11.20.12.20						
11:20-12:30	<u>12:30-1:30</u>		<u>1:30-2:30</u>	<u>2:35-3:30</u>		
Endocarditis mini- cases	Office Hours		Patient Clinic - Heme Malignancy	Office Hours (Lewis)		
Learning Studios	(Schwartzstein)		TMEC Amphitheater	TMEC 106		
	TMEC 328					

Week 9: March 26 - March 30, 2018					
Monday, March 26	Tuesday, March 27	Wednesday, March 28	Thursday, March 29	Friday, March 30	
8:00-9:30 Cardiovascular review, consolidation and synthesis TMEC Amphitheater 9:40-11:10 Respiratory review, consolidation and synthesis TMEC Amphitheater 11:20-12:30 Integrated case reviews - pt. 1 Learning Studios 12:30-1:30 Office Hours (B. Cockrill) TMEC 128	8:00-9:20 Simulation Exercise Learning Studios 9:30 - 11:20 Integrated case reviews - pt. 2 Learning Studios 11:30-12:30 Patient Clinic - Pulmonary Hypertension TMEC Amphitheater 12:30-1:30 Office Hours (R. Schwartzstein) TMEC 306	POM	8:00-9:30 Hematology Review, Consolidation and synthesis TMEC Amphitheater 9:40-10:50 General Review, prep for exam Learning Studios 11:00-11:40 Complete course evaluations Learning Studio 11:50-12:30 Course wrap-up TMEC Amphitheater	8:00 - 12:00 Final Exam Learning Suites	