

MAMMALIAN PHYSIOLOGY

Course Director: Dr. Norman Weisbrodt,
 (500-6324, Room 5.102)
Norman.W.Weisbrodt@uth.tmc.edu

Education Coordinator Doris Thornton,
 (500-7511, Room 5.105)
Doris.E.Thornton@uth.tmc.edu

Date	Topic	Time	Instructor
Section 1: General Physiology			
2 Jan 07	Homeostasis and the Internal Environment	8:00-8:50	Dr. Weisbrodt
2 Jan 07	Membranes I	9:00-9:50	Dr. Walters
5 Jan 07	Membranes II	8:00-8:50	Dr. Jayaraman
5 Jan 07	Membranes III	9:00-9:50	Dr. Weisbrodt
9 Jan 07	Membranes IV	8:00-8:50	Dr. O'Neil
9 Jan 07	Membranes V	9:00-9:50	Dr. Dubinsky
11 Jan 07	Skeletal Muscle Mechanics	8:00-8:50	Dr. Weisbrodt
11 Jan 07	Autonomics	9:00-9:50	Dr. Walters
11 Jan 07	Pathophysiology Correlate I: Bioelectricity and excitable tissues	1:00 - 2:50	Dr. Walters
16 Jan 07	Cardiac Muscle I	8:00-8:50	Dr. Walters
16 Jan 07	Cardiac Muscle II	9:00-9:50	Dr. Walters
18 Jan 07	Cardiac Muscle III	8:00-8:50	Dr. Walters
18 Jan 07	Smooth Muscle	9:00-9:50	Dr. Weisbrodt
18 Jan 07	Pathophysiology Correlate II: Fluid volumes and capillary exchange	1:00-2:50	Dr. Weisbrodt
22 Jan 07	Problem-solving session: Muscle	8:00-8:50	Dr. Weisbrodt
22 Jan 07	Problem-solving session: General Physiology	9:00-9:50	Dr. Weisbrodt
24 Jan 07	EXAMINATION I	1:00-3:00	
Section 2: Cardiovascular and Gastrointestinal			
30 Jan 07	Cardiovascular 1 (Hemodynamics)	9:00-9:50	Dr. Weisbrodt
01 Feb 07	Team Learning 1	9:00-9:50	Staff
02 Feb 07	Cardiovascular 2	10:00-10:50	Dr. Weems

06 Feb 07	Cardiovascular 3	9:00-9:50	Dr. Weems
07 Feb 07	Cardiovascular 4	10:00-10:50	Dr. Weems
08 Feb 07	Team Learning 2	9:00 - 9:50	Staff
09 Feb 07	Cardiovascular 5	10:00 - 10:50	Dr. Weems
13 Feb 07	Team Learning 3	8:30 - 9:50	Staff
14 Feb 07	Pathophysiology Correlate 3: Cardiovascular	1:00 - 2:50	Dr. Weems
15 Feb 07	Gastrointestinal Motility I	8:00 - 8:50	Dr. Weisbrodt
15 Feb 07	Gastrointestinal Motility II	9:00 - 9:50	Dr. Weisbrodt
16 Feb 07	Gastrointestinal I	10:00 – 10:50	Dr. Lichtenberger
16 Feb 07	Gastrointestinal II	11:00 - 11:50	Dr. Lichtenberger
20 Feb 07	Gastrointestinal III	8:00 - 8:50	Dr. Lichtenberger
20 Feb 07	Gastrointestinal IV	9:00 - 9:50	Dr. Lichtenberger
21 Feb 07	Digestion and Absorption I	9:00 - 9:50	Dr. Lichtenberger
21 Feb 07	Digestion and Absorption II	10:00 -10:50	Dr. Lichtenberger
22 Feb 07	Problem-solving Session: Cardiovascular and Gastrointestinal	9:00 - 11:50	Staff
01 March 07	EXAMINATION II	1:00 - 3:00	Staff
	Section 3: Renal and Respiratory Physiology		
13 March 07	Kidney Morphology and Function	8:00-8:50	Dr. O'Neil
13 March 07	Glomerular Filtration	9:00-9:50	Dr. O'Neil
15 March 07	Renal Clearance	8:00-8:50	Dr. O'Neil
15 March 07	Proximal Tubule	9:00-9:50	Dr. O'Neil
16 March 07	Distal Nephron	10:00-10:50	Dr. O'Neil
16 March 07	ADH and Osmoregulation	11:00-11:50	Dr. O'Neil
20 March 07	Fluid Balance I (Hypovolemia)	8:00-8:50	Dr. O'Neil
20 March 07	Fluid Balance II (Hypervolemia)	9:00-9:50	Dr. O'Neil
21 March 07	Pathophysiology Correlate 4: Renal	1:00-2:50	Dr. O'Neil
22 March 07	Mechanics of Ventilation I	8:00-8:50	Dr. Weisbrodt
22 March 07	Mechanics of Ventilation II	9:00-9:50	Dr. Weisbrodt
23 March 07	Alveolar Ventilation I	11:00-11:50	Dr. Weisbrodt
27 March 06	Alveolar Ventilation II	8:00-8:50	Dr. Weisbrodt
27 March 07	Gas Transport	9:00-9:50	Dr. Dubinsky

29 March 07	Acid/Base I	8:00-8:50	Dr. Dubinsky
29 March 07	Control of Ventilation	9:00-9:50	Dr. Dubinsky
30 March 07	Acid/Base II	10:00-10:50	Dr. Dubinsky
30 March 07	Acid/Base III	11:00-11:50	Dr. Dubinsky
02 April 07	Acid/Base IV	10:00-10:50	Dr. Dubinsky
02 April 07	Lung Function in Disease	11:00-11:50	Dr. Weisbrodt
03 April 07	Pathophysiology Correlate 5: Acid/Base	8:00-8:50	Dr. Dubinsky
03 April 07	Problem Solving Session : Pulmonary	9:00-9:50	Drs. Dubinsky, Weisbrodt
04 April 07	EXAMINATION 3	1:00-3:00	
	Section 4: Endocrine And Integrative Physiology		
11 Apr 07	Menstrual Cycle I & II	8:00-9:50	Dr. Knutson
12 Apr 07	Testicular Function	8:00-8:50	Dr. Knutson
12 Apr 07	Pancreas	9:00-9:50	Dr. Dubinsky
12 Apr 07	Metabolism	10:00-10:50	Dr. Dubinsky
17 Apr07	Calcium Metabolism	8:00-8:50	Dr. Schonbrunn
17 Apr 07	Adrenal Cortex	9:00-9:50	Dr. Knutson
19 Apr 07	Thyroid Gland	8:00-8:50	Dr. Morris
19 Apr 07	Growth	9:00-9:50	Dr. Schonbrunn
24 Apr 07	Pathophysiology Correlate 6:	1:00-2:50	Dr. Orlander
20 Apr 07	Temperature Regulation	10:00-10:50	Dr. Morris
24 Apr 07	Diabetic Ketoacidosis	8:00-8:50	Dr. Schultz
24 Apr 07	Low Cardiac Output I	9:00-9:50	Dr. Schultz
24 Apr 07	Pathophysiology Correlate 6:	1:00-2:50	Dr. Orlander
26 Apr 07	Low Cardiac Output II	8:00-8:50	Dr. Schultz
26 Apr 07	Pathophysiology of Gas	9:00-9:50	Dr. Schultz
27 Apr 07	Congestive Heart Failure	11:00-11:50	Dr. Schultz
01 May 07	Problem-solving:	9:00-9:50	Dr. Weisbrodt