

HUMAN PHYSIOLOGY - Syllabus
NROSCI 1250/BIOSCI 1250 Fall 2002

DATE	Lecture #	TOPIC	READING
Aug 27	1	Class Intro/Introduction to Physiology and Homeostasis	1-20
Aug 29	2	Membranes and the transport of molecules	100-129
Sep 3	3	Physiological Control Systems and Cell-Cell Communication	131-152
Sep 5	4	Endocrine Signaling	152-169
Sep 10	5	Neurophysiology	170-199 (201-221)
Sep 12	6	Nervous System	(223-259)
Sep 17	7	Nervous System	311-331
Sep 19	8	Muscle: Striated Muscle, Mechanisms of Contraction	333-350
Sep 24	EXAM 1 (lectures 1-7)		
Sep 26	9	Muscle: Regulation of Contraction, Smooth & Cardiac Muscle	350-368
Oct 1	10	Cardiovascular: Overview, Functions, Blood, Blood Vessels	369-376, 404-411
Oct 3	11	Cardiovascular: Cardiac Function	377-402
Oct 8	12	Cardiovascular: Blood Pressure, Regional Circulation	411-432
Oct 10	13	Cardiovascular: Fluid Exchange, Control Mechanisms	432-441
Oct 15	14	Cardiovascular: Control Mechanisms, Diseases	443-468
Oct 17	15	Respiration: Mechanics	467-494
Oct 22	EXAM 2 (lectures 8-14)		
Oct 24	16	Respiration: Gas Exchange	495-514
Oct 29	17	Respiration: Regulation	514-531
Oct 31	18	Renal: Basic Mechanisms	532-562
Nov 5	19	Renal: Regulation of Water and Sodium	564-578
Nov 7	20	Renal: Regulation of Potassium, Acid-Base Balance	579-600
Nov 12	TEST 3 (lectures 15-20)		
Nov 14	21	Digestion	601-637
Nov 19	22	Digestion/Metabolism	639-669
Nov 21	23	Metabolism	653-672
Nov 26	24	Immune System	708-724
Dec 3	25	Immune System	724-740
Dec 5	26	Reproduction	670-706
Dec 12	EXAM 4 (Lectures 21-26) This exam is scheduled from 12:00-1:50.		