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BIOL 213.01: Human Anatomy and Physiology

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BIOL 213 Human Anatomy and Physiology Lecture Syllabus

Spring Semester 2003

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Instructors: Dr. Delbert Kilgore (Office Hours: M 2-4, R 9-11)

Dr. Colin Henderson (Office Hours: TR 12-2)

Location: NULH 101; 11:10 - 12:00 a.m.

Text: Human Anatomy and Physiology, 5th Edition, Elaine N. Marieb, Benjamin/Cummings, 2001

	Date	Topics	Readings (pages in text)
JAN	27 (M)	Introduction - Homeostasis: Autonomic Nervous System; Endocrine System Overview	10-13, 513-529, 609
	29 (W)	Hormones and Their Actions I	609-617
	31 (F)	Hormones and Their Actions II Last Day to Add by Cyberbear	617-643
FEB	3 (M)	Blood and Hemostasis	651-677
	5 (W)	Heart Anatomy	683-693
	7 (F)	Cardiac Muscle Structure and Physiology	693-696
	10 (M)	Electrical Events of the Heart and Cardiac Cycle	696-704
	12 (W)	Cardiac Output	704-711
	14 (F)	Blood Vessel Structure and Function Drop Deadline by Cyberbear	718-727
	17 (M)	HOLIDAY - PRESIDENT'S DAY	
	19 (W)	Physiology of Circulation I	727-742
	21 (F)	Physiology of Circulation II	
	24 (M)	Capillary Exchange and Circulatory Pathways	742-747, 750-751
	26 (W)	Lymphatic System	778-787

	28 (F)	LECTURE EXAM #1: ANS - Capillary exchange & circulation	Review Sheet Sample Exam
MAR	3 (M)	Functional Anatomy of the Respiratory System	835-850
	5 (W)	Mechanics of Ventilation	850-858
	7 (F)	Gas Exchanges in the Body	858-862
	10 (M)	Transport of Respiratory Gases Drop Deadline on Drop/Add Form--No Refund	862-867
	12 (W)	Respiratory Control I	867-879
	14 (F)	Respiratory Control II	
	17 (M)	Urinary System Overview/Kidney Anatomy	1004-1013
	19 (W)	Urinary Physiology I	1013-1036
	21 (F)	Urinary Physiology II	
MAR	24-28	SPRING BREAK	
MAR	31 (M)	Body Fluids	1041-1044
APR	2 (W)	Water Balance	1044-1047
	4 (F)	Regulation of Ions	1047-1055
	7 (M)	LECTURE EXAM #2: Capillary exchange - Urinary physiology	Review Sheet
	9 (W)	Acid - Base Balance	1055-1063
	11 (F)	Digestive System Overview	888-894
	14 (M)	EB 2003 – No Class	
	16 (W)	Smooth Muscle Structure and Function	306-312
	18 (F)	Gastrointestinal Physiology	894-932
	21 (M)	Chemical Digestion and Absorption	932-939
	23 (W)	Nutrition	949-961

	25 (F)	Metabolism	962-986
	28 (M)	Energy Balance - Temperature Regulation	986-997
	30 (W)	Male Reproductive System	1071-1076
MAY	2 (F)	Spermatogenesis Withdrawal Deadline	1076-1086
	5 (M)	Female Reproductive System	1086-1094
	7 (W)	Oogenesis	1095-1096
	9 (F)	Ovarian and Menstrual Cycle Last Day for Drop Petitions	1096-1111

MAY	12 (M)	FINAL EXAM, 10:10 - 12:10, NULH 101	Review Sheet
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Last revised: 