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PHAR 342.01: Applied Anatomy and Physiology

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APPLIED ANATOMY & PHYSIOLOGY (PHAR 342)

SPRING 2003

GENERAL INFORMATION

Class meets MWF 9:10-10 and T 11:10-12 in SB117

		<u>Room</u>	<u>Phone</u>
Coordinators:	Charles Eyer	SB 302	243-4872
	Jerry Smith	SB 061	243-5788
Additional Instructors:	Craig Johnston	SB 275	243-5061
	Diana Lurie	SB 304	243-2103
	Keith Parker	SB 301	243-4235

Required Texts: Anatomy & Physiology, 5th ed., Seeley, *et al.*

Grading: The following grades can be earned by achieving the minimal percentages listed:

A---90%

B---80%

C---70%

D---60%

The instructors reserve the right to lower the curve. Exams will emphasize lectures and handouts and may include additional information from assigned readings in the text.

Exams: Three mid-term exams---100 points each =300 points
Final exam--- 50% from last section, 50% comprehensive =200 points
500 points

Exams may consist of any combination of multiple choice, matching, True/false, fill in the blank, or short essay questions.

Exam Schedule (tentative):

Exam #1 Friday, February 28 (Smith 34 points; Eyer 66 points)
Exam #2 Wednesday, March 19 (Eyer 20 points; Johnston 80 points)
Exam #3 Friday, April 25 (Johnston 76 points, Parker 24 points)
Final Exam, Friday, May 16 (10:10-12:10)
(Lurie 82 points; Johnston 18 points on last section; Smith 12 points; Parker 10 points; Eyer 28 points; Johnston, 50 points on comprehensive)

Exam Policy: No exams will be given early. Only under extraordinary circumstances, will an excused absence from an exam be permitted. When such an exception is granted, a makeup exam that can be either a written or an oral exam must be taken within one week of the original test date. Students have **1 week** from the time the exam is returned to resolve any grading questions. Such requests must be written, attached to the original exam and submitted to the course director.

	DATE	INSTRUCTOR	TOPIC	ASSIGNMENT
WEEK 1	1-27	SMITH	REVIEW OF IMMUNOINFLAMMATION	HANDOUT
	1-28	SMITH	HYPOIMMUNE FUNCTIONING	
	1-29	SMITH	HYPERSENSITIVITIES	
	1-31	SMITH	AUTOIMMUNE DISEASES	
WEEK 2	2-3	SMITH	AUTOIMMUNE DISEASES	
	2-4	EYER	KIDNEY AND FLUIDS	HANDOUT
	2-5	EYER	KIDNEY AND FLUIDS	
	2-7	EYER	KIDNEY AND FLUIDS	
WEEK 3	2-10	EYER	KIDNEY AND FLUIDS	
	2-11	EYER	KIDNEY AND FLUIDS	
	2-12	EYER	KIDNEY AND FLUIDS	
	2-14	EYER	GI	HANDOUT
WEEK 4	2-17	HOLIDAY		
	2-18	EYER	GI	
	2-19	EYER	GI	
	2-21	EYER	GI	
			END EXAM I MATERIAL	
WEEK 5	2-24	EYER	GI	
	2-25	EYER	GI	
	2-26	EYER	EXAM I	
	2-28	JOHNSTON	HORMONES AS CHEMICAL MESSENGERS	
WEEK 6	3-3	JOHNSTON	INTRODUCTION TO ENDOCRINE PHYSIOLOGY	
	3-4	JOHNSTON	ENDOCRINE REGULATION/HOMEOSTASIS	
	3-5	JOHNSTON	NEUROENDO. REG. / HORMONE SECRETION	
	3-7	JOHNSTON	HYPOTHALAMIC CONTROL OF ENDROCRINE SECRETION <u>EVALUATION OF SMITH, EYER</u>	
WEEK 7	3-10	JOHNSTON	POSTERIOR PITUITARY – OXYTOCIN	
	3-11	JOHNSTON	POSTERIOR PITUITARY – ADH	
	3-12	JOHNSTON	ENDOCRINE PANCREAS	
	3-14	JOHNSTON	END EXAM II MATERIAL DIABETES – NIDDM (TYPE II) VS TYPE I	
WEEK 8	3-17	JOHNSTON	DIABETES MELLITUS – COMPLICATIONS	

	3-18	JOHNSTON	GENERAL THERAPY FOR DIABETES / HYPOGLYCEMIA	
	3-19	JOHNSTON	EXAM II	
	3-21	JOHNSTON	TSH	
WEEK 9	SPRING BREAK			
WEEK 10	3-31	PARKER	RESPIRATION	23
	4-1	PARKER	RESPIRATION	
	4-2	PARKER	RESPIRATION	
	4-4	PARKER	RESPIRATION	
WEEK 11	4-7	JOHNSTON	THYROID REGULATION	
	4-8	JOHNSTON	THYROID DISORDERS	
	4-9	JOHNSTON	PARATHYROID AND CALCIUM HOMEOSTASIS	
	4-11	JOHNSTON	ACTH & ADRENAL GLAND REGULATION	
WEEK 12	4-14	JOHNSTON	ADRENAL GLAND: MINERALOCORTICIDS	
	4-15	JOHNSTON	ADRENAL GLAND: GLUCORTICIDS	
	4-16	JOHNSTON	CORTICOSTEROIDS AS THERAPEUTIC AGENTS	
			END OF EXAM III MATERIAL	
	4-18	JOHNSTON	GROWTH HORMONE, DISORDERS	CHAPTER 28
WEEK 13	4-21	LURIE	MALE REPRODUCTIVE PHYSIOLOGY	
	4-22	JOHNSTON	PROLACTIN, DISORDERS	
	4-23	LURIE	EXAM III	
	4-25	LURIE	MALE REPRODUCTIVE PHYSIOLOGY	
WEEK 14	4-28	LURIE	MALE REPRODUCTIVE PHYSIOLOGY	
	4-29	LURIE	MALE REPRODUCTIVE PHYSIOLOGY	
	4-30	LURIE	MALE REPRODUCTIVE PHYSIOLOGY	
	5-2	LURIE	FEMALE REPRODUCTIVE PHYSIOLOGY	
			<u>EVALUATION OF JOHNSTON,</u>	
			<u>PARKER</u>	
WEEK 15	5-5	LURIE	FEMALE REPRODUCTIVE PHYSIOLOGY	
	5-6	LURIE	FEMALE REPRODUCTIVE PHYSIOLOGY	
	5-7	LURIE	BREAST CANCER	
	5-9	LURIE	REPRODUCTION	
			<u>EVALUATION OF LURIE</u>	
WEEK 16	5-16	THE ENTIRE CAST	FINAL EXAMINATION 10:10 –12:10	