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BMED 341.01: Physiological Systems I

Elizabeth A. Putnam

University of Montana, Missoula, elizabeth.putnam@umontana.edu

Jerry R. Smith

University of Montana, Missoula, jerry.smith@umontana.edu

Mark Pershouse

University of Montana, Missoula, mark.pershhouse@umontana.edu

Diana Lurie

University of Montana, Missoula, diana.lurie@umontana.edu

Darrell Jackson

University of Montana, Missoula, darrell.jackson@umontana.edu

See next page for additional authors

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Instructor

Elizabeth A. Putnam, Jerry R. Smith, Mark Pershouse, Diana Lurie, Darrell Jackson, Douglas Coffin, and Lilian Calderón-Garcidueñas

Biomedical/Pharmaceutical Sciences BMED 341
FALL 2008
GENERAL INFORMATION

Class meets MWF 9:10-10 in SB 169 and T 11:10-12 in SB117

		<u>Room</u>	<u>Phone</u>
Coordinator:	Elizabeth Putnam	SB 282	243-4794
Additional Instructors:	Lilian Calderón-Garcidueñas	SB 287	243-4785
	J. Douglas Coffin	SB 160	243-4723
	Darrell Jackson	SB 394	243-5761
	Diana Lurie	SB 383	243-2103
	Mark Pershouse	SB 281	243-4769
	Jerry Smith	SB 077	243-5788

Required Text: Anatomy & Physiology, 8th ed., Seeley, Stephens & Tate
A.D.A.M. Interactive Anatomy 4, Lafferty & Panella

Recommended Text: Student Study Guide, Anatomy & Physiology, Seeley *et al.*

Grading: The following grades can be earned by achieving the minimum 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. Additional information may be posted by the instructors on Blackboard (<http://umonline.umd.edu>). Students are responsible for all material.

Evaluations: Students will evaluate the instructors online using Blackboard. The evaluations will be available to students beginning after the instructors' last class on a topic and ending one week after the test covering the material. Students will receive one point of extra credit for each evaluation they fill out during the appropriate time.

Exams:	Six tests	360 points
	Final exam--- Test from last material	80 points
	Comprehensive final	<u>110 points</u>
		550 points

Tests may consist of any combination of multiple choice, matching, true/false, fill in the blank, or short essay questions. Tests will be given during the Friday test time (1-2:00 pm, SB117).

Test Schedule: Test 1: Sept. 12 (Putnam 16 pts; Calderón 24 pts, Coffin 40 pts)

Test 2: Sept. 16 (Lurie 32 pts)

Test 3: Oct. 10 (Lurie 80 pts)

Test 4: Oct. 24 (Jackson 40 pts)

Test 5: Nov. 7 (Coffin 80 pts)

Test 6: Nov. 21 (Smith 48 points)

Final Exam: Wed. Dec. 10, 8-10 am (Test 7: Smith 48 pts, Pershouse 32 pts on new material; Comprehensive final: Putnam 4 pts, Calderón 6 points, Coffin 30 points, Lurie 28 points, Jackson 10 pts, Smith 24 pts, Pershouse 8 pts on comprehensive final)

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

DATE	INSTRUCTOR	TOPIC	CHAPTER
WEEK 1			
8/25	PUTNAM	INTRODUCTION/SYSTEMS	1
8/26	PUTNAM	SYSTEMS	
8/27	COFFIN	CELL BIO/DEVELOPMENT/TISSUE REPAIR	3
8/29	COFFIN	CELL BIO/DEVELOPMENT/TISSUE REPAIR	
WEEK 2			
9/1	HOLIDAY		
9/2	COFFIN	CELL BIO/DEVELOPMENT/TISSUE REPAIR	
9/3	CALDERÓN	HISTOLOGY	4
9/5	CALDERÓN	HISTOLOGY	
WEEK 3			
9/8	CALDERÓN	HISTOLOGY	
9/9	COFFIN	INTEGUMENT	5
9/10	COFFIN	INTEGUMENT	
END OF TEST 1 MATERIAL			
9/12	LURIE	MEMBRANE POTENTIAL	11
9/12	TEST 1 (1-2:00 pm, SB 117)		
WEEK 4			
9/15	LURIE	ACTION POTENTIAL	
9/16	LURIE	NEUROTRANSMISSION	
9/17	LURIE	NEUROTRANSMISSION	
END OF TEST 2 MATERIAL			
9/19	LURIE	CNS	12 & 13
WEEK 5			

9/22	LURIE	CNS	
9/23	LURIE	CNS	
9/24	LURIE	CNS	
9/26	LURIE	CNS	14 & 15
9/26		TEST 2 (1-2:00 pm, SB117)	
WEEK 6			
9/29	LURIE	CNS	
9/30	LURIE	CNS	
10/1	LURIE	CNS	
10/3	LURIE	CNS	
WEEK 7			
10/6	LURIE	CNS	
		END OF TEST 3 MATERIAL	
10/7	JACKSON	AUTONOMIC NS	16
10/8	JACKSON	AUTONOMIC NS	
10/10	JACKSON	AUTONOMIC NS	
10/10		TEST 3 (1-2:00 pm, SB117)	
WEEK 8			
10/13	JACKSON	AUTONOMIC NS	
10/14	JACKSON	AUTONOMIC NS	
		END OF TEST 4 MATERIAL	
10/15	COFFIN	HEART	20
10/17	COFFIN	HEART	
WEEK 9			
10/20	COFFIN	HEART	
10/21	COFFIN	HEART	
10/22	COFFIN	HEART	
10/24	COFFIN	SKELETON/BONE	6 - 8
10/24		TEST 4 (1-2:00 pm, SB117)	
WEEK 10			
10/27	COFFIN	SKELETON/BONE	
10/18	COFFIN	SKELETAL MUSCLE	9
10/29	COFFIN	SKELETAL MUSCLE	
10/31	COFFIN	SKELETAL MUSCLE	
		END OF TEST 5 MATERIAL	
WEEK 11			

11/3	SMITH	CARDIOVASCULAR	21, 22 (783-88)
11/4	HOLIDAY		
11/5	SMITH	CARDIOVASCULAR	
11/7	SMITH	CARDIOVASCULAR	
11/7	TEST 5 (1-2:00 pm, SB 117)		
WEEK 12			
11/10	SMITH	CARDIOVASCULAR	
11/11	HOLIDAY		
11/12	SMITH	CARDIOVASCULAR	
11/14	SMITH	CARDIOVASCULAR	
	END OF TEST 6 MATERIAL		
WEEK 13			
11/17	SMITH	BLOOD	19
11/18	SMITH	BLOOD	
11/19	SMITH	BLOOD	
11/21	SMITH	BLOOD	
11/21	TEST 6 (1-2:00 pm, SB117)		
WEEK 14			
11/24	SMITH	BLOOD	
11/25	SMITH	BLOOD	
11/26	HOLIDAY		
11/28	HOLIDAY		
WEEK 15			
12/1	PERSHOUSE	RESPIRATORY	23
12/2	PERSHOUSE	RESPIRATORY	
12/3	PERSHOUSE	RESPIRATORY	
12/5	PERSHOUSE	RESPIRATORY	
	END OF TEST 7 MATERIAL		
WEEK 16			
12/10	TEST 7 AND FINAL EXAM (8-10 am, SB169)		