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PHAR 361.01: Pharmaceutical Sciences Laboratory

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Instructor

Richard J. Bridges, Douglas J. Coffin, Charles L. Eyer, Diana Lurie, Keith K. Parker, and Jerry R. Smith

Pharmacy 361
Pharmaceutical Sciences Laboratory
Autumn, 2000

Laboratory Tue. 1:10; Wed. 1:10, Thurs. 9:10 & 1:10

Instructors: Rich Bridges, Doug Coffin, Chuck Eyer, Diana Lurie, Keith Parker, and Jerry Smith.

Course Coordinator: Diana Lurie SB 304 243-2103

Head TA: Brady Warren

TA's: Jared Brown, Melisa Bunderson, Taren Grass, Richa Khambete, Lucia Muniz-Alonso, Kristen Reed, Dan Selvage, Jennifer Shaw, Wesley Smith, Harish Thiagaraj, Celine Wishcamper, Jane Zhao.

Format: I credit: one 2 hour lab per week. Four sections of approximately 15 students each week.

Materials: Student handouts.

Organization: The laboratory parallels the coverage of material in various pharmaceutical science courses in the required professional pharmacy curriculum.

Course Objectives:

1. To provide instruction in anatomy through the use of computers and cadavers.
2. To provide instruction in physiology through the use of computer simulation models and in vivo laboratory techniques.
3. To provide experience in problem solving and critical thinking in the laboratory setting.

Grading:

1. Each laboratory is worth 10 points for a total of 120 points for the semester.
2. Grading for each lab will be in the form of a lab report/evaluation and/or attendance.
3. The following grades can be earned by achieving the corresponding minimal percentage points possible:

A---90%

B---80%

C---70%

D---65%

The instructors reserve the right to lower the curve.

4. **ATTENDANCE IS MANDATORY!** Students who have not attended a lab and have not turned in a lab report will not be given credit for that lab.

Autumn Semester Lab Schedule (Phar 361) 2000

<u>Date</u>	<u>Instructor</u>	<u>TopicLecture</u>	<u>Location</u>
<u>Week 2</u> 9/12- 9/14	Bridges (Reed)	A.D.A.M.	SB 214
<u>*Week 3</u> 9/19- 9/21	Coffin/Lurie (Warren, Selvage)	Gross Anatomy	SB 050
<u>Week 4</u> 9/26- 9/28	Eyer (Thiagaraj)	Action Potentials	SB 214
<u>Week 5</u> 10/3- 10/5	Lurie (Wishcamper)	Brain Dissection	SB 230
<u>Week 6</u> 10/10- 10/12	Lurie (Zhao)	Brain Dissection	SB 230
<u>Week 7</u> 10/17- 10/19	Coffin (Smith)	Statistics	SB 214
<u>Week 8</u> 10/24- 10/26	Parker (Bunderson)	Respiration	SB 230
<u>Week 9</u> 10/31- 11/2	Coffin (Muniz-Alonso)	Pig Heart	SB 230
<u>Week 10</u> 11/7- 11/9	Coffin (Brown)	Histology	SB 214

<u>Date</u>	<u>Instructor</u>	<u>TopicLecture</u>	<u>Location</u>
<u>*Week 11</u> 11/14- 11/16	Lurie/Coffin (Warren, Shaw)	Gross Anatomy	SB 050
<u>Week 12</u> 11/21- 11/23	Thanksgiving Break-no class		
<u>Week 13</u> 11/28- 11/30	Bridges/Eyer (Smith, Brown/ Khambete)	EKG/EEG/EMG	SB230
<u>Week 14</u> 12/5 12/7	Smith (Grass)	Cardiovascular Assessment	SB 230
<u>Week 15</u> 12/12- 12/14	No Class		

- 9/19 class time will be 1:00-2:00 pm.
- 9/20 class time will be 3:00-4:00 pm
- 9/21 class time will be 9:00-10:00 am and 12:00-1:00 pm
- 11/14 class time will be 1:00-2:00 pm
- 11/15 class time will be 3:00-5:00 pm
- 11/16 class time will be 9:00-10:00 am and 12:00-1:00 pm.