

# BIOLOGY 341 HUMAN BIOLOGY

Laboratory Syllabus Spring 2008 Semester

Dr. Raelynn Deaton

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## Lab sections and assigned Teachers Assistants

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### Available Lab Points

|               |                   |
|---------------|-------------------|
| Quizzes:      | 90 points         |
| Homework:     | 45 points         |
| Projects:     | 65 points         |
| Midterm:      | 100 points        |
| Final:        | 100 points        |
| <b>Total:</b> | <b>400 points</b> |

YOU ARE RESPONSIBLE FOR VERIFYING YOUR GRADES EACH WEEK ON BLACKBOARD.

**ATTENDANCE IS MANDATORY.** IF YOU MISS LAB WITHOUT A VALID EXCUSE YOU WILL RECEIVE A ZERO ON THE QUIZ THAT WEEK. HOWEVER, YOU WILL HAVE ONE MAKE UP QUIZ WHICH WILL REPLACE EITHER YOUR LOWEST QUIZ GRADE, OR ONE ABSENCES.

There is no extra-credit in this class. Thus, it is highly advised that you spend what ever time necessary to learn the material. The TA's are here to help you and learn the material. We are glad to assist the students in any *humanly reasonable way*. The lab will be available to any student who wishes to review the material longer than their assigned lab time on Mondays between 4:00 - 5:00, and Wednesdays between 2:00 - 3:00. If more time is need please contact your TA, or the Head TA.

### Laboratory #1 January 23

**Objectives:** Exercise 22 Evolution and Exercise 23 Ecology, Assign organ project due March 5 and Evolution or Ecology paper due next week!

**There will be no points this week.**

*Homework: Complete all Activities and Review Questions in Exercises 22 and 23. Study for your first quiz!!!!*

### Laboratory #2 January 30

**Objectives:** Quiz 1, Exercise 5 Tissues and Exercise 7 Integumentary System

Paper: 10 points

Homework: 5 points

Quiz: 10 points

**Weeks Total: 25 points**

*Homework: Complete all Activities and Review Questions in Exercises 5 and 7. Study for Quiz 2*

### **Laboratory #3 February 6**

**Objectives:** Quiz 2, Exercise 8 Skeletal System

Homework: 5 points

Quiz: 10 points

**Weeks Total: 15 points**

*Homework: Complete all Activities and Review Questions in Exercise 8. Study for Quiz 3*

### **Laboratory #4 February 13**

**Objectives:** Quiz 3, Exercise 9 Muscular System. Assign project, due March 5, 2008.

Homework: 5 points

Quiz: 10 points

**Weeks Total: 15 points**

*Homework: Complete all Activities and Review Questions in Exercise 9. Make sure you bring your dissecting kits to the next lab and study for Quiz 4.*

### **Laboratory #5 February 20**

**Objectives:** Quiz 4, Exercise 10 The Nervous System I: Organization, Neurons, Nervous Tissue, and Spinal Reflexes and Exercise 11 The Nervous System II: The Spinal Cord, Brain, and Autonomic Nervous System. Dissection of the brain.

Homework: 5 points

Quiz: 10 points

**Weeks Total: 15 points**

*Homework: Study for your Midterm!!!!*

## **Laboratory #6 February 27**

**Objectives:** Midterm over what we have covered so far.

Midterm: 100 points

**Weeks Total: 100 points**

*No homework this week; recover from midterm. Do not forget your dissection kit for next week and project due next week.*

## **Laboratory #7 March 5**

**Objectives:** Exercise 12 The Senses (eye dissection), and Exercise 13 The Endocrine System

Project Due: 20 points

**Weeks Total: 20 points**

*Homework: Study for Quiz 5, complete all Activities and Review Questions in chapters 12 and 13. Remember to bring your dissection kits.*

## **Laboratory #8 March 19**

**Objectives:** Quiz 5, Exercise 14 and 15 Cardiovascular System (Heart Dissection)

Homework: 5 points

Quiz: 10 points

**Weeks Total: 15 points**

*Homework: Study for Quiz 6; complete all Activities and Review Questions in Chapters 14 and 15.*

## **Laboratory #9 March 26**

**Objectives:** Quiz 6, Heart video and Respiratory System, Exercise 16. Assign paper due next week.

Homework: 5 points

Quiz: 10 points

**Weeks Total: 15 points**

*Homework: Study for Quiz 7, and complete all Activities and Review Questions for chapter 16. Bring dissection kits to next lab and do not forget your paper.*

### **Laboratory #10 April 2**

**Objectives:** Quiz 7, Digestive System, and Urinary System, Exercises 17 and 18. Fetal pig dissections. Assign nutrition project.

Homework: 5 points

Paper: 10 points

Quiz: 10 points

**Weeks Total: 25 points**

*Homework: Study for Quiz 8, and complete all Activities and Review Questions for Exercises 17, and 18. Do not forget the nutrition project due next week!!!!*

### **Laboratory #11 April 9**

**Objectives:** Quiz 8, Reproductive System and Development, Exercise 19, and continue with dissections. Assign genetic disorder paper

Homework: 5 points

Nutrition project: 15 points

Quiz: 10 points

**Weeks Total: 30 points**

*Homework: Study for quiz 9, and complete all Activities and Review Questions for Exercise 19*

### **Laboratory #12 April 16**

**Objectives:** Exercise 20 Genetics

Genetic project: 10 points

Homework: 5 points

Quiz: 10 points

**Weeks Total: 25 points**

### **Laboratory #13 April 23**

**Objectives:** Final

Final: 100 points

**Weeks Total: 100 points**