

## BIOL 171 Laboratory Outline – Summer 2017

Lab Meeting Times: TWR 8:30-11:20, Natural Sciences room 203

Materials: A Lab Notebook fo your choice

### Overview:

The laboratory component of this course provides an opportunity for hands-on learning. There are no "make-up" labs offered, so attendance is essential. The laboratory instructions will be provided in lab. It is strongly recommended that you work through the questions at the end of the lab guidelines; these questions can help solidify important concepts and may be used in lab quizzes. Group work is a valuable learning tool, and is encouraged during lab exercises. Students will be expected to complete quizzes individually. Quizzes will be offered at the beginning of lab time. The lab final will explore diverse questions and reflections from the semester's lab investigations. Expectations for your lab notebook will be explained during the first day of lab. This course has an online Moodle supplement with which to track grades and revisit selected course materials.

### Lab Grading (separate from lecture grade):

Quizzes	70	(best 7 of 8)
Field trip participation	10	
Lab notebook	40	
<u>Lab final</u>	<u>30</u>	
Total	150	

There is no lab meeting scheduled for the first day, June 27. With this time, please:

- purchase the supplies you might want for lab, especially a **lab notebook**
- double-checked your **netID access** to university computers and Moodle
- **email your TA** using your student email

<u>Date</u>	<u>Topic</u>	<u>Quiz</u>
June 27	<i>No Lab</i> (get ready as outlined above)	
June 28	Course intro, microscopy	
June 29	Cells, pond water, prep bacteria	1
July 4	<i>No Lab</i>	2
July 5	Bacteria	
July 6	Protists, turn in notebooks for review	3
July 11	Fungi, Lichens	4
July 12	Field Trip	
July 13	Plants 1	5
July 18	Prep time for Exam 2	
July 19	Plants 2	6
July 20	Animals 1	7
July 25	Animals 2	8
July 26	Lab Final, notebooks due	
July 27	Prep time for Exam 3	