

Introductory Biology 151, Lab syllabus – Fall, 2016 Lectures 1 and 2

The syllabus is always subject to change. Make sure to check it periodically on Learn@UW.

Week	Lab Topic	Assignment(s)	Points
Sept 5 - 9	<i>No Labs or Discussions</i>	The lab manual is available at the UBS.	All percentages are a function of the total for that lab
Sept 12 - 16	Cell Structure and Function Part 1 of 3	BEFORE lab – Complete reading assignments and pre-lab 1	Failure to submit will result in a deduction for this unit.
		Experimental design worksheet due at end of lab	5%
Sept 19 - 23	Cell Structure and Function Part 2 of 3	BEFORE lab: 1. Read ALL of Appendix A in <i>Practicing Biology</i> 2. Read PART of Appendix B of <i>Practicing Biology</i> – pp. 171-175 (stop after part C.) 3. Watch the “Basic Probability & Statistics” posted on L@UW.	Failure to complete your prelab before lab will result in a deduction for this unit.
		Quiz given in lab	25%
		Experimental design worksheet due at end of lab	10%
Sept 26 - 30	Cell Structure and Function Part 3 of 3	BEFORE lab: 1. Review Appendix A in <i>Practicing Biology</i> 2. Review PART of Appendix B of <i>Practicing Biology</i> – pp. 171-175 (stop after part C.)	
Oct 3 - 7	Forensic Analysis Part 1 of 3	Structure & Function paper due at the beginning of lab	60% Total = 100% Weight = 23.5% of 34%
		Forensic Analysis Pre-lab 1 due at beginning of lab	Failure to submit will result in a deduction for this unit.
Oct 10 - 14	Forensic Analysis Part 2 of 3	Pre-lab 2 Questions due at beginning of lab	Failure to submit will result in a deduction for this unit.
		In-Class activity due at end of lab	20%
Oct 17 – 21	Forensic Analysis Part 3 of 3	Quiz given in lab <u>Intro Bio 152 Independent Project (IP)</u> Information sessions/introductions during lab	30%

Week	Lab Topic	Assignment(s)	Points
Oct 24 - 28	Classical Genetics Part 1 of 4	PCR paper due at the beginning of lab	50% Total = 100% Weight = 23.5% of 34%
		BEFORE lab: <u>In <i>Practicing Biology</i>:</u> 1. Read ALL of Appendix B and Appendix C 2. Complete the Week 1 prelab parts A and B 3. Read the entire lab, pages 75 to 112 (Genetic Analysis of a Population of Organisms) <u>In the textbook:</u> be sure catch up on all readings.	Failure to submit will result in a deduction of up to 5% for this unit
Oct 31 – Nov 4	Classical Genetics Part 2 of 4		
Nov 7 - 11	Classical Genetics Part 3 of 4	Quiz given in lab Population Inheritance Report due by the end of lab Begin recording sleep data for the next lab module.	30% 40%
Nov 14 - 18	Classical Genetics Part 4 of 4	Formal PPT presentation given during lab hour 1.	30% Total = 100% Weight = 26.5% of 34%
	Sleep Lab Part 1 of 3	BEFORE lab: Read the articles about sleep and cognition – Assignment is posted on Learn@UW. Complete the Pre-Lab for Week 1, pp 141-143	Failure to submit will result in a deduction of up to 5% for this unit
Nov 21 - 25	NO LABS – THANKSGIVING BREAK Record your sleep data <i>every day</i> .		
Nov 28 – Dec 2	Sleep Lab Part 2 of 3	BEFORE lab: 1. Record your sleep data <i>every day</i> .	Failure to submit will result in a deduction of up to 5% for this unit
		Experimental design worksheet due at end of lab	15%
Dec 5 - 9	Sleep Lab Part 3 of 3	BEFORE lab: 1. Record your sleep data <i>every day</i> . 2. Review Appendices A, B and C. Sleep Lab paper due at end of lab	60%
Dec 12 - 16	Animal Physiology/Anatomy Rat dissection	Anatomy lab questions due at end of lab	25% Total = 100% Weight = 26.5% of 34%

See scores breakdown on the next page

Your lab grade represents 34% of your final course grade. Individual Lab units are weighted differently in accordance to the amount of work that each unit entails.

Grading Breakdown:	Lab Grade Point	Weight out of 34% total for lab
Cell Structure and Function	100	23.5
Forensic Analysis Lab	100	23.5
Genetic Analysis Lab	100	26.5
Animal Physiology/Anatomy & Sleep Lab	100	26.5

Notes:

Pre-lab assignments are always due at the beginning of lab. Assignments and/or point values may also be changed at the instructor's discretion. Prior notice will be given for any such changes.

Plagiarism is an issue that is taken *very seriously* on this campus and within this course. We will check the authenticity of your written work and the proper citation of information used from published sources. Important documents on plagiarism are available through the University on the web. These sites are listed for you in a document found in "Content & Materials" on the course website. Please take the time to examine these resources and familiarize yourself with the information available in order to avoid problems with this issue. Penalties for plagiarism can be very severe and will be imposed directly upon your final grade for Intro Bio151. If you are unclear on any matters covered here, please contact your TA or your coordinator.