

LABORATORY PLAN 2011
BISC207 Honors Introductory Biology I
R. Hodson – 11:30-2:00 Wednesdays (035 McKinly)

Created 9-10-2011

Date	Lab # & Topic	Do Before Lab*	Do During Lab	Graded Work**	Due***	Pts (100)
Aug. 31	No labs this week					
Sep. 7	0 – Special getting started meeting (our class only)	Read “Chart&TableConstruction.pdf” Read Lab Manual “Preface” Obtain eye protection (bring to lab)	Form teams, assign roles; room features; safety training; Excel practice; team picture	Team’s Excel table & chart (graph)	End of lab	1
Sep. 14	1 – Macromolecules (DNA) (Eye protection required)		Fill out worksheet & discuss	Quiz 1 Worksheet 1	Start of lab End of lab	1 3
Sep. 21	2 – Plant Pigments (Eye protection required)	Read “ShortReportRubric.pdf” Read “WritingConventions.pdf” Print lab worksheet and bring to lab Read sample long report (Results section only)	Fill out worksheet Discuss writing short reports	Workplan 1 Short report 1 (text/picture/table/graph)	Start of lab Wed 9/28	1 7
Sep. 28	3 – Proteins (Bovine serum albumin, BSA) (Eye protection required)			Workplan 2 Short report 2 (text/graphs)	Start of lab Wed 10/5	1 7
Oct. 5	4 – Microscopy (and added Mitosis) (Eye protection required)			Workplan 3 Short report 3 (text/pictures)	Start of lab Wed 10/12	1 7
Oct. 12	5 – Scientific Method			Quiz 2 Worksheet 2	Wed 10/19	1 3
Oct. 19	6 – Yeast Fermentation I (Eye protection required)			Workplan 4 Short report 4 (text/graph)	Start of lab Wed 10/26	1 7
Oct. 26	7 – Photosynthesis (project) (Eye protection required)	Read “LongReportRubric.pdf” Read sample long report (Introduction, Results, Discussion)	Discuss writing long reports	Workplan 5 Long report 1	Start of lab Wed 11/2	1 14
Nov. 2	8 –Osmosis (Eye protection required)			Workplan 6 Long report 2	Start of lab Wed 11/9	1 15
Nov. 9	9 –Genetics			Worksheet 3	Wed 11/16	3
Nov. 16	10 – Lab Final Exam					25
Nov. 23	No lab (Thanksgiving week)					
Nov. 30	Visit DBI			None	Wed 12/1	

*All documents are in the Sakai lab course.

**Work plans must be brought to lab in completed form and left with the instructor after lab for grading.

***Unless given otherwise reports are due one week later by start of lab. All reports must be submitted electronically to the Sakai server even if a hard copy is also required.