

Biology 46 – Cell Biology Spring 2008

Lecture Schedule:

Day	Date	Topic	Text
WED	1/16	Introduction to the course/Cell theory	Ch. 1, 1-11, 26-30
MON	1/21	No class-Martin Luther King Day	
WED	1/23	Microscopy /Scientific method/hypothesis testing	Ch. 9
MON	1/28	Data presentation/Cell fractionaton/Centrifugation	Ch. 9
WED	1/30	Centrifugation/Cell Culture	Ch. 8
MON	2/4	Membranes: structure/function	Ch 10
WED	2/6	Membrane proteins/ Transport across Membranes	Ch 10, 11
MON	2/11	Current topic: Defects in transport across membranes	
WED	2/13	Current topics in cell biology: influenza	
MON	2/19	No class-Presidents' Day	
WED	2/20	Review for exam I	
THURS	2/21	EXAM I	
MON	2/25	Signal transduction	Ch 15
WED	2/27	Signal transduction	Ch 15
MON	3/3	Signal transduction/Extracellular matrix and cell junctions	Ch 15, 19
WED	3/5	Cell adhesion and cell junctions	Ch 19
MON	3/10	Endomembranes	Ch 12
WED	3/12	Endomembranes	Ch 12,13
MON	3/24	Endomembranes/Cytoskeleton	Ch 13
WED	3/26	Cytoskeleton	Ch 16
MON	3/31	Review for exam II	
WED	4/2	EXAM II	
MON	4/7	Cytoskeleton/Cell movements	Ch 16
WED	4/9	DNA& nucleus and nuclear diseases/Cell cycle	Ch 17
MON	4/14	Cell cycle	
WED	4/16	Cell cycle/Current topics- biological terrorism	Ch 17
MON	4/21	No class-Patriots Day	
WED	4/23	Topic to be announced	
MON	4/28	Current topics- plant cell biotechnology	

THE FINAL EXAM IS ON MONDAY, MAY 5 FROM 3:30-5:30 PM