

CONCEPTS IN BIOLOGY 119:100 SPRING 2016

Use Preparatory Assignment link on course page for out-of-class readings and computer work.

<u>Date</u>	<u>Topic</u>	<u>Laboratory</u>
1/19	Biology & Learning	NO LAB
1/21	Biology & Learning	
1/26	Biology & Chemistry	1-Microscopy
1/28	Homeostasis	
2/2	Life Emerges	2-Anatomy & Histology
2/4	Evolution Emerges	
2/9	Medicine Emerges	3-Kidney
2/11	EXAM 1	
2/16	How do we know?	4-Molecular Motion
2/18	Information Emerges	
2/23	The Central Dogma	5-Central Nervous System
2/25	Proteins	
3/1	Learning & the Central Dogma	6-Science & Muscles
3/3	Learning & Memory	
3/8	Learning & Science	7-Data Analysis
3/10	EXAM 2	
****	SPRING BREAK (3/13 - 3/20) NO CLASS!!!	****
3/22	Memory Realities	8-Graphing Techniques
3/24	More Memory Realities	
3/29	Energetics & Learning	9-Peripheral NS & Confidence
3/31	Membranes Emerge	
4/5	Nerve Impulse Emerges	10-Muscle Strength
4/7	EXAM 3	
4/12	Resting Potential	11- Muscle Fatigue
4/14	Action Potential	
4/19	Nerve Impulse Properties	12- Cardiology
4/21	Nerve Impulse Properties	
4/26	Muscle Control	Final Lab Practical
4/28	Muscle Action	
5/6	Final Exam (room TBA) 12:00 - 3:00 PM	Friday 5/6

May 3 and 4 are Reading Days. Finals Period: 5/5 through 5/11 <http://finalexams.rutgers.edu>

Instructor: Dr. Gregg Transue, 214 ARC, (848-445-2594) bio100@rci.rutgers.edu
Text: Biology Concepts & Connections 8th ed Campbell *et al* <http://alca.rutgers.edu/bio100>