

**Biology 101 – Instructor Dennis Gervin**  
**Proposed Class Activity Schedule**  
**SPRING 2017**

*Please Note: this proposed schedule is updated regularly throughout the semester*

DAY	DATE	WK	LECT	LECTURE TOPIC	TEXT READING	ASSESSMENTS	WEEKLY LAB TOPIC
M	Jan-9	1	1	Scientific Method / Chemistry of Life	Ch.1,2		Introduction
W	Jan-11	1	2	Water and Life	Ch. 3	Lecture Quiz #1 (Wed)	
M	<b>Jan-16</b>	2	---	<b>HOLIDAY NO CLASS</b>	---	---	#1 Measurements and Micropipetting (Quiz)
W	Jan-18	2	3	Carbon and Life	Ch.4	Lecture Quiz #2 (Tues)	
M	Jan-23	3	4	Biochemistry	Ch.5	Lecture Quiz #3 (Tues)	#4 Spectrophotometry (Quiz)
W	Jan-25	3	5	Biochemistry	Ch.5		
M	Jan-30	4	6	Tour of the Cell	Ch.6	Lecture Quiz #4 (Tues)	---
W	Feb-1	4		Tour of the Cell / REVIEW	Ch.6		
M	Feb-6	5	---	<b>LECTURE EXAM #1 Ch 1-6</b>	---	<b>LECTURE EXAM #1</b>	#5 Size Exclusion Chromatography
W	Feb-8	5	7	Plasma Membrane	Ch.7		
M	Feb-13	6	8	Cellular Metabolism	Ch.8	Lecture Quiz #5 (Tues)	#2 Bacterial Cultures and Sterile Technique & #9 Cellular Exchange (Quiz)
W	Feb-15	6	9	Cellular Metabolism	Ch.8		

DAY	DATE	WK	LECT	LECTURE TOPIC	TEXT READING	ASSESSMENTS	WEEKLY LAB TOPIC
M	Feb-20	7	---	<b>HOLIDAY NO CLASS</b>	---	---	#10 Energy Transformation (Quiz)
W	Feb-22	7	10	Cellular Respiration	Ch.9	Lecture Quiz #6 (Tues)	
M	Feb-27	8	11	Cellular Respiration	Ch.9	Lecture Quiz #7 (Tues)	#11 Photosynthetic Pigments (Quiz)
W	Mar-1	8		Review			
M	Mar-6	9	---	<b>LECTURE EXAM #2</b> <i>Ch 7-9</i>	---	<b>LECTURE EXAM #2</b>	#6 Biofuel Enzyme Activity
W	Mar-8	9	12	Photosynthesis	Ch.10.1 - 10.3		
M	Mar-13	10	13	Mitosis and the Cell Cycle	Ch.12.1-12.3	Lecture Quiz #8 (Tues)	#6 Biofuel Enzyme Activity (Quiz)
W	Mar-15	10	14	Meiosis and Reproduction	Ch.13		
M	Mar-20	11	15	Mendelian Genetics and Inheritance Patterns	14.1 – 14.4		#8 Mitosis and Meiosis
W	Mar-22	11	16	Chromosomal Bias of Inheritance	Ch.15	Lecture Quiz #9	
M	Mar-27	12	17	Evolution: Descent With Modification	Ch.22	Lecture Quiz #10 (Tues)	#15 Beyond Darwin: Genes and Evolution
W	Mar-29	12		<b>LECTURE EXAM #3</b> <i>Ch 10, 12-15</i>	---	<b>LECTURE EXAM #3</b>	
M	Apr-3	13	18	Evolution of Populations	Ch.23	Lecture Quiz #11 (Tues)	#7 Microscopy Techniques (Quiz CH22,23)
W	Apr-5	13	19	DNA Replication	Ch.16		

DAY	DATE	WK	LECT	LECTURE TOPIC	TEXT READING	ASSESSMENTS	WEEKLY LAB TOPIC
M	Apr-10	14	20	Gene Expression: 1	Ch.17		#12 Bacterial Transformation
W	Apr-12	14	21	Review		Lecture Quiz #12 (Wed)	
M	Apr-17	15	---	<b>LECTURE EXAM #4</b> <i>Ch 22,23, 16-18</i>	---	<b>LECTURE EXAM #4</b>	<b>LAB PRACTICAL EXAM #1</b>
W	Apr-19	15		Course Review			

<b>FINAL EXAM</b>				
<b>Monday / Wednesday Classes</b>		Finals Week	<b>Cumulative Final Exam Monday, April 24, 2017</b>	<b>10:00 to 12:50PM</b>

**Note: Course Syllabus and/or Course Schedule are subject to change as needed to meet the course objectives.** This proposed schedule is likely to change - any changes will be announced in class & posted on the web. Be sure to check the web for the most current version. Final Exam Schedule

<http://www.mjc.edu/instruction/finalschedule.php>