

Biology 101 – Instructor Dennis Gervin
Proposed Class Activity Schedule
SPRING 2020

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 13	1	1	Scientific Method / Chemistry of Life	Ch.1.3, 2.1-2.4	--	Introduction (Quiz)
T	Jan 14					Quiz #1 Ch 1, 2	
W	Jan 15		2	Water and Life	Ch. 3.1-3.3		
M	Jan 20	2	---	HOLIDAY NO CLASS	---	---	#1 Measurements and Micropipetting (Quiz)
T	Jan 21					Quiz #2 Ch 3	
W	Jan 22		3	Carbon and Life	Ch.4.1-4.3	--	
M	Jan 27	3	4	Biochemistry	Ch.5.1-5.5	--	#4 Spectrophotometry (Quiz)
T	Jan 28					Quiz #3 Ch 4	
W	Jan 29		5	Biochemistry	Ch.5.1-5.5	--	
M	Feb 3	4	6	Tour of the Cell	Ch.6.2-6.7	--	#9 Cellular Exchange #2 Bacterial Cultures and Sterile Technique (Quiz)
T	Feb 4					Quiz #4 Ch 5	
W	Feb 5		7	Tour of the Cell / REVIEW	Ch.6.2-6.7	--	

M	Feb 10	5	---	LECTURE EXAM #1 <i>Ch 1-5</i>	---	LECTURE EXAM #1	#5 Size Exclusion Chromatography & #2 Bacterial Cultures and Sterile Technique	
T	Feb 11							--
W	Feb 12		8	Plasma Membrane	Ch.7.1-7.5	--		
M	Feb 17	6	---	HOLIDAY NO CLASS	---	---	#7 Microscopy Techniques & #2 Bacterial Cultures and Sterile Technique (Quiz)	
T	Feb 18							Quiz #5 <i>Ch 6, 7</i>
W	Feb 19		9	Cellular Metabolism	Ch.8.1-8.5	--		
M	Feb 24	7	10	Cellular Metabolism	Ch.8.1-8.5	--	#10 Energy Transformation & #2 Bacterial Cultures and Sterile Technique (Quiz)	
T	Feb 25							Quiz #6 <i>Ch 8</i>
W	Feb 26		11	Cellular Respiration	Ch.9.1-9.6	--		
M	Mar 2	8	12	Cellular Respiration	Ch.9.1-9.6	--	#11 Photosynthetic Pigments (Quiz)	
T	Mar 3							Quiz #7 <i>Ch 9</i>
W	Mar 4		13	Photosynthesis	Ch.10.1 - 10.3	--		
M	Mar 9	9	--	Photosynthesis / Review	--	--	#6 Biofuel Enzyme Activity	
T	Mar 10							--
W	Mar 11		---	LECTURE EXAM #2 <i>Ch 6-9</i>	---	LECTURE EXAM #2		

M	Mar 16	10	14	Mitosis and the Cell Cycle	Ch.12.1-12.3	--	#6 Biofuel Enzyme Activity (Quiz)
T	Mar 17					Quiz #8 Ch 10	
W	Mar 18		14	Mitosis and the Cell Cycle	Ch.12.1-12.3	--	
M	Mar 23	11	15	Meiosis and Reproduction	Ch.13.1-13.4	--	#8 Mitosis and Meiosis (Quiz)
T	Mar 24					Quiz #9 Ch 12, 13	
W	Mar 25		15	Meiosis and Reproduction	Ch.13.1-13.4	--	
M	Mar 30	12	16	Mendelian Genetics and Inheritance Patterns	Ch. 14.1-14.4	--	#15 Beyond Darwin: Genes and Evolution (Quiz)
T	Mar 31					Quiz #10 Ch 14, 15	
W	Apr 1		17	Chromosomal Bias of Inheritance	Ch.15.2-15.5	--	
M	Apr 6	13	18	Evolution: Descent with Modification	Ch.22.1-22.3	--	TBA (Quiz)
T	Apr 7						
W	Apr 8		--	LECTURE EXAM #3 Ch 10, 12-15		---	
M	Apr 13	14	19	Evolution of Populations	Ch.23.1, 23.3,23.4	--	TBA (Quiz)
T	Apr 14					Quiz #11 Ch 22, 23	
W	Apr 15		20	DNA Replication	Ch.16.1-16.3	--	

M	Apr 20	15	20	DNA Replication	Ch.16.1-16.3	--		TBA (Quiz)	
T	Apr 21								Quiz #12 Ch 16
W	Apr 22		--	LECTURE EXAM #4 Ch 22,23, 16	---		LECTURE EXAM #4		

FINAL EXAM				
Monday / Wednesday Classes	--	Finals Week	Cumulative Final Exam	Monday, April 27 10:00am – 12:50pm

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>