



Biology 10 – Course Schedule

Introduction to Biology

Week	Date	Lecture Topics	Ch	Lab Topic
1	8/31 9/2	Introduction to Biology Biodiversity, Evolution	1, 19, 15	<i>Biology: Concepts</i>
2	9/7 9/9	LABOR DAY - HOLIDAY Evolution - Foundations	15, 17	<i>Scientific Inquiry</i>
3	9/14 9/16	Ecology; Ecosystems Ecosystems and Communities	46 45	<i>Evolution</i>
4	9/21 9/23	Environmental Biology/ Conservation Environmental Biology/ Conservation	47 47	<i>Nature Walk or Villa Montalvo</i>
5	9/28 9/30	Exam #1 [weeks 1-4] Biochemistry and Molecules I	2	<i>Ecology</i>
6	10/5 10/7	Biochemistry and Molecules II, Cells Cell Biology - Structure and Function	3, 4 4, 5	<i>Microscopes</i>
7	10/12 10/14	The Working Cell - Membranes Metabolism – Respiration & Photosynthesis	5, 6 7, 8	<i>The Cell Environment</i>
8	10/19 10/21	Nutrition and the Digestive System The Circulatory System	31, 34 32	<i>Photosynthesis and Respiration</i>
9	10/26 10/28	Exam #2 [weeks 5-8] The Exchange of Gases	35	<i>Nutrition & Fitness</i>
10	11/2 11/4	Cell Division: Mitosis Cell Division: Meiosis	9 10	<i>Hot Topics in Biology</i>
11	11/9 11/11	Reproduction and Development Reproduction and Development	41 42	<i>Cardiovascular Fitness</i>
12	11/16 11/18	Patterns of Inheritance I Patterns of Inheritance II	11 11	<i>Cell Division & Gene Expression</i>
13	11/23 11/25	Exam #3 [weeks 9-12] Genetics; Gene Expression	12, 13	<i>Reproduction</i>
14	11/30 12/2	Gene Expression Gene Expression, DNA Technology	12, 13 13, 14	<i>Inheritance</i>
15	12/7 12/9	DNA Technology Human Evolution	14 30	<i>Biotechnology</i>
Final Exam – Monday December 14 11:50am-1:50pm in SM35				

