

C A M O S U N C O L L E G E
Department of Biology
Biology 230: Cell Structure and Function
Course Schedule - Fall 2004

Week	Date	Lecture Topic	Text Chapter	Laboratory Exercise
1	Sep. 6 Sep. 7 – 10	HOLIDAY (Labor Day) Macromolecules	3	No Lab – Holiday
2	Sep. 13 – 17	Macromolecules	3	Intro & Use of Lab Equipment Lab 1 Microscopy and Histology
3	Sep. 20 – 24	Membrane Structure	7	Lab 2 Animal Cell Culture; Week 1
4	Sep. 27 – Oct. 1	Membrane Transport	8	Lab 2 Animal Cell Culture; Week 2
5	Oct. 4 – 8 Oct. 6	ECM; Cell Adhesion; Cell Junctions Lecture Exam # 1	11	Lab 2 Animal Cell Culture; Week 3
6	Oct. 11 Oct. 12 – 15	HOLIDAY (Thanksgiving) ECM; Cell Adhesion; Cell Junctions	11	No Lab – Holiday
7	Oct. 18 – 22 Oct. 18	DNA & the Nucleus	16	Lab 3 Inject Cockroaches; Week 1 Lab Exam #1
8	Oct. 25 – 29	DNA Replication & the Cell Cycle	17	Lab 3 Cockroach Immune System; Week 2
9	Nov. 1 – 5	Regulation of the Cell Cycle; Cancer; Apoptosis	17	Lab 4 Cockroach Protein Analysis; Week 1
10	Nov. 8 – 12 Nov. 9 Nov. 10 Nov. 11	The Genetic Code & Transcription Last Day to Withdraw Lecture Exam # 2 HOLIDAY (Remembrance Day)	19	Lab 4 Cockroach Protein Analysis; Week 2
11	Nov. 15 – 19	Translation & Protein Sorting Intracellular Compartments	20 12	Lab 4 Cockroach Protein Analysis; Week 3
12	Nov. 22 – 26	Intracellular Compartments Signal Transduction	12 10	Lab 5 Signal Transduction; Week 1
13	Nov. 29 – Dec. 3	Signal Transduction	10	Lab 5 Signal Transduction; Week 2
14	Dec. 6 – 10 Dec. 6	Cytoskeleton	22	Lab Exam # 2