

BioScience 230: Introduction to Biotechnology: Lecture Syllabus

M/W: 1:00-5:00 (Sect # 23969)

Office: X-11, or L-201, or L-216

email: wolf_j@mail.coc.cc.ca.us

FYI MW IN L-201 from 6-10

Prof. Jim Wolf, Ext. 3092

Office hrs: M/W:12:00-1:00, 5:00-6:00 or by appt.

TENTATIVE lecture schedule: May be changed according to progress of class. Lecture may also occur during lab time in order to permit optimum use of time. Typically lecture will end 1 week prior exam on the subjects, and a study guide will be provided at that time.

Week/date	MONDAY	WEDNESDAY
1-21	Martin Luther King (Holiday) (1)	Introduction to Cells (1)
1-28	Introduction to Cells (1)	Chemical Components of Cells (2)
2-4	Chemical Components of Cells (2)	Energy, Catalysis and Biosynthesis (3)
2-11: (2-15, deadline to drop w/out "W"##)	President's Day: (Holiday)	Energy, Catalysis and Biosynthesis (3) How Cells Obtain Energy from Food (4)
2-19	How Cells Obtain Energy from Food (4)	How Cells Obtain Energy from Food (4) Protein Structure and Function (5)
2-25 (3-1, deadline to change to CR/NC.)	Lecture Exam 1: Chapters 1-4	Protein Structure and Function (5)
3-4	Protein Structure and Function (5) DNA (6)	DNA (6)/ DNA to Protein (7)
3-11	DNA to Protein (7).	DNA to Protein (7)
3-18	Chromosomes and Gene Regulation(8)	Chromosomes and Gene Regulation (8)
3-25 (3-26 deadline to drop class ##)	Genetic Variation (9)	Lecture Exam 2. Chapters 5-8 Genetic Variation (9)
4-1	SPRING BREAK	WAHOO
4-8	Genetic Variation (9) DNA technology (10)	DNA technology (10)
4-15	Membrane Structure (11)	Membrane Structure (11)
4-22	Membrane Transport (12)	Membrane Transport (12)
4-29	Energy Generation in Mitochondria and Chloroplasts (13)	Energy Generation in Mitochondria and Chloroplasts (13)
5-6	Lecture Exam 3 Chapter 9-12	Intracellular Compartments and Transport (14)
5-13	Intracellular Compartments and Transport (14)	Cell Communication (15) TENTATIVE LECTURE...
5-20-24	FINALS WEEK	Final Exam: Friday 11:00- 1:00

**** If I am not in my office, I can be found in lab (L-201) or in the conference room (L-216.)**

\$\$: With respect to email, please limit your communications to quick questions. Do not ambush me with twenty questions the night before and exam!

NOTE: DO NOT ASSUME I HAVE DROPPED YOU!

Required Text: Essential Cell Biology, Alberts et.al., Lab Notebook and 3" three ring binder.