

BILD 1: THE CELL (SP13)

<http://classes.biology.ucsd.edu/bild1.SP13>

Warren Lecture Hall 2001

Dr. Gentry N. Patrick

*Biology by Campbell 9th Ed**.*

TuThu 2:00pm-3:20pm

DATE	LECTURE	TOPIC	READING
04/02*	Tu 1	Introduction / Small Molecules / Bonds	Chapters 2-3
04/04*	Thu 2	Small Molecules / Macromolecules	Chapters 2-5
04/09	Tu 3	Macromolecules	Chapter 5
04/11	Thu 4	Bioenergetics / Enzymes	Chapters 8
04/16*	Tu 5	Enzymes / Metabolism	Chapters 8 & 9
04/18	Thu 6	Metabolism	Chapter 9
04/23	Tu 7	Photosynthesis	Chapter 10
04/25	Thu	MIDTERM EXAM I (Lectures 1-7)	
04/30	Tu 8	Organization of the Cell	Chapter 6
05/02*	Thu 9	Membrane Structure & Function	Chapters 6 & 7
05/07	Tu 10	Cell Signaling	Chapters 11
05/09*	Thu 11	Cell Cycle/Mitosis	Chapters 12
05/14	Tu 12	Mitosis/Meiosis	Chapters 12& 13
05/16	Thu	MIDTERM EXAM II (Lectures 8-12)	
05/21*	Tu 14	Genetics	Chapter 14
05/23	Thu 15	Genetics	Chapter 15
05/28	Tu 16	DNA / DNA Replication	Chapter 16
05/30*	Thu 17	DNA Replication / RNA / Transcription	Chapters 16 & 17
06/04	Tu 17	Transcription and Translation	Chapters 16 & 17
06/06	Thu 18	Genes & Gene Regulation	Chapters 17 & 18*** (concept 18.1 and 18.2)
06/11	Tu	FINAL EXAM (Comprehensive) 03:00pm - 06:00pm	

*New materials available for download from the website

**Note: *Biology* by Campbell 8th edition is ok to use for the course – please cross check continuity of content.

Review Session Dates: Evenings of 04/23 and 05/14 (Midterms 1 and 2 Review; 7pm-10pm; Peterson 108) and 06/08 (Final Review; 11am – 2pm; WLH 2001)