

**Biology 217**  
**Introduction to Cell Biology**  
**MWF 11:15 - 12:10**  
**LC - 20**

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Textbook: Bruce Alberts et al (1997): *Essential Cell Biology*, Garland Publishing Inc.  
CD-ROM included with the text is recommended as study aid.

Jan. 22. Cellular Organization (Ch. 1)	Mar. 19. Cell Communication (Ch. 15)
Jan. 24. How Cells are Studied (Ch. 1)	Mar. 21. Cytoskeleton and Motility (Ch. 16)
Jan. 26. Cell Chemistry (Ch. 2) (QUIZ)	Mar. 23. Cytoskeleton and Motility (Ch. 16) (QUIZ)
Jan. 29. Protein Structure (Ch. 5)	Mar. 26. Cytoskeleton and Motility (Ch. 16)
Jan. 31. Enzyme Catalysis (Ch. 5) (QUIZ)	Mar. 28. Cell Division (Ch. 17)
Feb. 02. DNA (Ch. 6)	Mar. 30. Genetic Variation and Meiosis (Ch. 9 and 17) (QUIZ)
Feb. 05. DNA (Ch. 6)	Apr. 02. <b>SECOND EXAM</b> (Ch. 9, 11, 14, 15, 16, and 17)
Feb. 07. DNA to Protein (Ch. 7)	Apr. 04. Cell Cycle (Ch. 18)
Feb. 09. DNA to Protein (Ch. 7) (QUIZ)	Apr. 06. Cell Cycle (Ch. 18)
Feb. 12. Gene expression (Ch. 8)	Apr. 09. <b>APRIL RECESS (No Class)</b>
Feb. 14. Gene expression (Ch. 8)	Apr. 11. “
Feb. 16. DNA Technology (Ch. 10) (QUIZ)	Apr. 13. “
Feb. 19. <b>President’s Day (No Class)</b>	Apr. 16. <b>APRIL RECESS (No Class)</b>
Feb. 21. <b>FIRST EXAM</b> (Ch.1, 2, 5, 6, 7, 8, and 10)	Apr. 18. Energy and Biological Systems (Ch. 3)
Feb. 23. Cell Membranes (Chapter 11)	Apr. 20. Energy and Biological Systems (Ch. 3) (QUIZ)
Feb. 26. <b>SPRING (?) BREAK (No Class)</b>	Apr. 23. Metabolism (Ch. 4)
Feb. 28. “	Apr. 25. Membrane Transport (Ch. 12)
Mar. 02. “	Apr. 27. Membrane Transport (Ch. 12) (QUIZ)
Mar. 05. Cell Membranes (Chapter 11)	Apr. 30. Mitochondria and Respiration (Ch. 13)
Mar. 07. Cell Membranes (Chapter 11)	May 02. Mitochondria and Respiration (Ch. 13)
Mar. 09. Intracellular Trafficking (Ch. 14) (QUIZ)	May 04. <b>THIRD EXAM</b> (Ch. 3, 4, 12, 13, 18)
Mar. 12. Intracellular Trafficking (Chapter 14)	May 07. Chloroplasts: Photosynthesis (Ch. 13)
Mar. 14. Intracellular Trafficking (Ch. 14)	May 09. Chloroplasts: Photosynthesis (Ch. 13)
Mar. 16. Cell Communication (Ch. 15) (QUIZ)	

Grades will be determined on the students’ performance on Exams and Quizzes. Students can earn a total of 600 points distributed among: Three exams (100 points each), Ten of the scheduled Weekly Quizzes (10 points each = 100 points), and a CUMMULATIVE Final Exam (200 points). Makeup exams are not offered without a Physician’s Note. A formal A Review Session is generally offered before each Hourly Exam and the Final.