**Lecture Outline-Fall 2012**

**DATE** **TOPIC** **READING**

August 23 Intro/Chem Review/Water Chapters 2.3

August 28 Water Chapter 3

August 30 Carbon/Biomolecules Chapters 4, 5

September 4 Biomolecules Chapter 5

September 6 Origin of Life/Cell Structure Chapter 4, 6, 25

September 11 Cell Structure Chapter 6

September 13 Membrane Structure/Function Chapter 7

September 18 Membrane Structure/Function Chapter 7

September 20 Energy/Enzymes Chapter 8

September 25 **Exam I (Chapters 2, 3, 4, 5, 6, 7, 25)**

September 27 Cellular Respiration Chapter 9

October 02 Cellular Respiration Chapter 9

October 04 Photosynthesis Chapter 10

October 09 Photosynthesis Chapter 10

October 11 Mitosis and Meiosis Chapters 12, 13

October 16 Mitosis and Meiosis Chapters 12, 13

October 18 Genetics Chapters 14, 15

October 23 Genetics Chapters 14, 15

October 25 Genetics Chapters 14, 15

October 30 **Exam II (Chapters 8, 9, 10, 12, 13, 14, 15)**

November 01 DNA Structure/Function Chapter 16

November 06 **Election Day**

November 08 DNA-RNA Structure/Function Chapter 16, 17

November 13 RNA Structure/Function Chapter 17

November 15 Viral Molecular Genetics Chapter 18,

November 20 Gene Expression Chapter 18, 19

November 22 **Thanksgiving Holiday**

November 27 DNA Technology Chapter 20

November 29 Evolution/Natural Selection Chapter 22

December 04 Evolution/Natural Selection Chapter 22

December 06 Review/Evaluations

December 11 **Final Exam (Chapters 16, 17, 18, 19, 20, 22)**

**8:00-10:00 AM-116 BS**