**Biology : Cellular Biology Outline**

**Day** **Subject / Activity**

1 *Introduction : Class Rules / Grading / Reading Outline / Textbooks*

*Laboratory Safety*

2 Cell Features

**LAB : Modeling Cells : Surface Area To Volume**

3 Cell Organelles

**LAB : Comparing Plant & Animal Cells**

4 **Assign Project**

Passive & Active Transport

5 **LAB : The Cell – Diffusion & Osmosis** or Observing Osmosis In Eggs (2 Days)

Photosynthesis

6 **LAB : Plant Pigments**

**Project Work Day**

7 Cellular Respiration

**LAB : Temperature Effects On Metabolic Rates**

8 The Cell Cycle & Mitosis

**LAB : Splitting Up The Stash**

9 **Multiple Choice Test / Performance Assessment**

**Project Presentations**