

**BIOLOGY 2730**  
**TENTATIVE LABORATORY SCHEDULE**  
**WINTER SEMESTER 2008**

Week #	Week of	Exercises
1.	Jan. 14	Introduction Metric System
3.	Jan. 21.	Cells Cells
4.	Jan. 28	The Simple Stain The Gram Stain
5.	Feb. 4	The Endospore Stain The Acid Fast Stain
6.	Feb. 11	The Negative Stain The Hanging Drop
7.	Feb. 18	Stain Review Day <b>Unknown I</b>
8.	Feb. 25	Temperature and growth Microbes and Heat Sensitivity
9.	Mar. 3	Oxygen and Bacterial Growth The Streak Plate
10.	Mar. 17	MPN Testing Differential, Selective, and Enriched Media
11.	Mar. 24	The Standard Plate Count (fluid) The Standard Plate Count (solid) and Membrane Filtration <b>(Verbal Instructions)</b>
12.	Mar. 31	Plaque Assay for the Determination of Viral Titer Antibiotic Sensitivity Testing—Disk Method
13.	April 7	Ultra Violet Light and Mutations ( <b>Verbal Instructions</b> ) ELISA testing (Handout)
14.	April 14	Fermentation of Sugars, Starch Hydrolysis, Indol test, and Hydrogen Sulfide test Catalase, Urease, and Citrate tests
15.	April 21	Unknown II Gram Stain, Set up Streak Plate Unknown II Streak Plates and Set up Tests
16.	April 28	Unknown II Examine Tests, ID Bacterium <b>Laboratory Check Out</b>
17.	May 5	Lecture/Review <b>FINAL EXAMINATION</b>