

**SYLLABUS FOR BIO 365 BIOCHEMISTRY LABORATORY 2007**

<u>Class No.</u>	<u>Date</u>	<u>Exp. No.</u>	<u>Description</u>	<u>Students Per Exp.</u>	<u>(Quizzes) Lab. Reps.</u>
		1	9/4-9/6	Intro.	<u>Orientation</u>
2	9/11-9/13		No Laboratory this week		
3	9/18-9/20	I, Wk 1	<u>Cellular constituents:</u> TLC, and Carotenoids	2	
4	9/25-/9/27	I, Wk 2	<u>Cellular constituents</u> Extraction, DNA measurement	2	(Quiz 1)
5	10/2-10/5	I, Wk 3	<u>Cellular constituents</u> RNA and protein determination	2	
6	10/9-10/11	II, Wk 1	<u>Genetic Fingerprinting</u>	1	Lab I due
7	10/16-10/18	II, Wk 2	<u>Genetic Fingerprinting</u>	1	(Quiz 2)
8	11/23-10/25	III, Wk 1	<u>Catalase</u>	2	Lab 2 due
9	10/30-11/1	III, Wk 2	<u>Catalase</u>	2	(Quiz 3)
10	11/6-11/8	IV, Wk 1	<u>Recombinant DNA:</u> Restriction digest, gel electrophoresis and ligation	4	Lab 3 due
11	11/13-11/15	IV, Wk 2	<u>Recombinant DNA:</u> Transformation of E. coli	4	(Quiz 4)
12	11/20-12/22	No Class	Thanksgiving vacation		
13	11/27-11/29	IV, Wk 3	<u>Recombinant DNA:</u> Plasmid mini preparation, restriction digest, electrophoresis	4	
14	12/04-12/06		Hand in last lab report		Lab 4 due
15	12/11-12/13		Lab reports returned		