

Laboratory Diagnosis – CLSC 6304
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Laboratory Instructor: Dr. Guest

Course Schedule Spring 2013

LECTURE

DATE	TOPIC	PAGE
Jan. 7	Introduction to Laboratory Diagnosis	29
7	Basic Hematology	34, 8
9	White Blood Cells	45
14	Blood Chemistry	89
14	Blood Chemistry	
16	Blood Chemistry	
21	MLK Holiday	
21	MLK Holiday	
23	Blood Chemistry	
28	Blood Chemistry	
28	Urinalysis	123, 10
30	Urinalysis	
Feb 4	Exam 1	
4	Anemia	50
6	Anemia	
11	Anemia	
11	Leukemia, Lymphomas	70
13	Leukemia, Lymphomas	
18	Presidents Day Holiday	
18	Presidents Day Holiday	
20	Immunohematology & Blood Coagulation	74 & 79
25	Miscellaneous Tests	137
25	Miscellaneous Tests	
27	Liver and Biliary Tests	148
Mar 4	Exam 2	
4	Liver and Biliary Tests	

6	Cardiac Tests	159
11	CSF and Neurological Disorders	164
15	Biochemical Profiles	168
13	National Board Exams – No Classes	
18	Bone, Joint, and Collagen Disorders	176
18	Bone, Joint, and Collagen Disorders	
20	Serum Electrolytes	184
25	Practical Exam - In the Classroom	
25		
27	Gastro-intestinal Disorders	189
Apr 1	Pancreatic Function	195
1	Diabetes & Hypoglycemia	199
3	Functional Metabolic Tests	
8	Laboratory Evaluation in Molecular Medicine	
8	Elemental Analysis	
10	Genomic Testing	
16-19	Final Exam	



LAB

WEEK OF	TOPIC
Jan. 14	Lab Orientation, OSHA requirements, Introduction to venipuncture
21	No Labs – MLK
28	Blood Draws
Feb 4	Case Studies
11	Case Studies
18	No Labs – Presidents Day Holiday
25	Case Studies
Mar 4	Case Studies
11	Blood Microscopy and Blood Typing Procedures
18	Writing Case Studies
25	Bio-impedance Analysis
April 1	Bio-impedance Analysis
8	Open

