

## Tentative Hematology Schedule Spring 2006

Week	Class	Test	Unit	Subject	Text: McKenzie
1 Jan 10	Lec a		I	Intro to Hematopoiesis	Ch. 1 & 2
	Lec b		I	Hematopoietic tissue and Erythrocytes	Ch. 3 & 4
	Lab 1		1	Safety, RBC & Plt Maturation	Slides, Computer
2 Jan 17	Lec a		I	Hemoglobin	Ch. 5
	Lec b		I	Leukocytes	Ch. 6
	Lab 2		2	White Blood Cell Maturation	Slides, Computer
3 Jan 24	Lec a		I	Leukocytes	Ch. 6
	Lec b	<b>Lec T1</b>			
	Lab 3		3	Microscopy, Blood Smears	video, PBT, and differentials
4 Jan 31	Lec a		II	Routine Hematology Procedures	Ch. 7
	Lec b		II	Special Hematology Procedures	Ch. 40
	Lab 4		4&5	Hemacytometer WBC/Plt counts and ESR	
5 Feb 7	Lec a		II	Blood Smears and Bone Marrow	Ch. 8 & 9
	Lec b		II	Automation, Flow Cytometry, Quality Assurance	Ch. 41, 23, 42
	Lab 5	<b>Lab T1</b>	6&7	Hgb, Spun Hct	phlebotomy
6 Feb 14	Lec a		II	Body Fluids	Ch. 33
	Lec b	<b>Lec T2</b>			
	Lab 6		8&9	Body Fluids and Reticulocyte counts	slides and smears
7 Feb 21	Lec a		III	Intro to Anemias	Ch. 10
	Lec b		III	Iron & Heme Disorders, Hemoglobinopathies	Ch. 11 & 12
	Lab 7		10 & 11	RBC morphology & Inclusions, Osmotic Fragility	slides and kit
8 Feb 28	Lec a		III	Hemoglobinopathies, Thalassemias	Ch. 12 & 13
	Lec b		III	Macrocytic, Hypoproliferative, & Hemolytic Anemias	Ch. 14, 15, & 16
	Lab 8		12	RBC Pathology	slides

Week	Class	Test	Unit	Subject	Text
9 Mar 7	Lec a		III	Hemolytic Anemias	Ch. 17, 18, 19, & 20
	Lec b	<b>Lec T3</b>			
	Lab 9		13	Sickle Cell Screening and Differentials	Kit and slides
10 Mar 21	Lec a		IV	Non malignant Leukocyte Disorders	Ch. 21 & 22
	Lec b		IV	Intro to Neoplasms	Ch. 26
	Lab 10	<b>Lab T2</b>	14	WBC Pathology	slides
11 Mar 28	Lec a		IV	Myeloproliferative & Myelodysplastic Dis.	Ch. 27 & 28
	Lec b		IV	AML & ALL	Ch. 29 & 30
	Lab 11		15	WBC Pathology	computer & differentials
12 Apr 4	Lec a		IV	Lymphomas	Ch. 31
	Lec b	<b>Lec T4</b>			
	Lab 12		16 & 17	Automation and Quality Control	video
13 Apr 11	Lec a		V	Primary Hemostasis	Ch. 34
	Lec b		V	Secondary Hemostasis	Ch. 35
	Lab 13		18	Coagulation Testing (PT)	phlebotomy
14 Apr 18	Lec a		V	Disorders of Hemostasis	Ch. 36 & 37
	Lec b		V	Thrombophilia, Coagulation Testing	Ch. 38 & 39
	Lab 14		19	Coagulation Testing (PTT)	phlebotomy
15 Apr 25	Lec a		V	Coagulation Testing	Ch. 39
	Lec b	<b>Lec T5</b>			
	Lab 15	<b>Lab T3</b>		Lab Clean Up	
16 May 2	Lec a			No Lecture	Finals Week
	Lec b	<b>Final</b>		Comprehensive Final	10:00-12:00
	Lab 16			No Lab	Finals Week

**MLAB 1415**  
**Hematology Point Record**

EXAM	EXAM CONTENT	Points	Earned
Lecture Exam 1	Section I	100	
Lecture Exam 2	Section II	100	
Lecture Exam 3	Section III	100	
Lecture Exam 4	Section IV	100	
Lecture Exam 5	Section V	100	
Lecture Final Exam	Sections I – V	200	
Lab Exam 1	Lab Units 1 – 5	100	
Lab Exam 2	Lab Units 6 – 13	100	
Lab Exam 3	Lab Units 14-19	100	
Manual Hgb & Hct		5	
Retic counts		5	
Manual cell counts		5	
ESR		5	
Sickle Screen		5	
Osmotic Fragility		5	
Normal Differentials		10	
Abnormal Differentials		5	
Other:			
Other:			
Other:			
PT testing		5	
PTT testing		5	
Article Summaries			
Quizzes			
RBC Case Studies		10	
WBC Case Studies		10	
Coag Case Studies		10	