

**MLAB 2434 – Clinical Microbiology**  
**Summer, 2010**  
**Tentative Lecture and Laboratory Schedule**

<b>Date</b>	<b>Lecture Topic</b>	<b>Chapter/ Text pages</b>	<b>Laboratory</b>
Wednesday, June 2	<b>Syllabus review</b> 1. Bacterial Cell Structure, Physiology, Metabolism & Genetics	Chapter 1, pp 3-21	Aseptic Technique Discussion of Lab Cleanup Schedule
	2. Control of Micro-organisms	Chap. 4, pp.73-111	<b>Gram stain tutorials</b>  <b>Medtraining: Intro-Morphology</b>
	3. Host-Pathogen Interaction	Chap. 2, pp. 28-58	
Monday, June 7	4. Specimen Collection & Handling	Chap. 6, pp. 135-151	Lab 1: Streaking for Isolation and Interpreting Primary Culture
	5. Microscopic Examination	Chap. 7, pp.153-167	
	6. Colony Morphology	Chap. 8, pp.199-210	
Wednesday, June 9	6. Colony Morphology (con't)		2. Preparing smears, gram stains, and interpreting stains
	7. Performance Improvement	Chap. 5, pp. 112-133	
	Discussion of Microbe Project		
<b>Exam #1</b>			
Monday, June 14	8. Staphylococci	Chap. 14, pp. 367-381	3. Staphylococcus 4. CHROMagar
Wednesday , June 16	9. Streptococci	Chap. 15, pp. 382-409	3. Staphylococcus (con't) 4. CHROMagar (con't) Unknown #1
<b>Exam #2</b>			
Monday, June 21	10. Neisseria & Moraxella	Chap. 18, pp. 438-461	5. Streptococcus Unknown #1

Wednesday , June 23	11. Haemophilis & Other Fastidious G- R	Chap. 19, pp. 462- 501	5. Streptococcus(con't) 6. Neisseria 7. Haemophilus
Monday, June 28	12. Respiratory Infection	Chap. 32, pp.899- 933	6. Neisseria (con't) 7. Haemophilus (con't) Unknown #2  <b>Medtraining: Specimen sites ( Respiratory &amp; eye)</b>
<b>Exam #3</b>			
Wednesday, June 30	13. Enterobacteriaceae	Chap. 20, pp. 502-541	Lab 8: TSI, MacConkey's Unknown #2  Lab 9: Indole, MR-VP, Citrates  Lab 10: Motility, Urease, Lysine, decarboxylase, Nitrate, Phenylalanine
Monday, July 5	14. Vibrio, Aeromonas, Plesiomonas & Campylobacter	Chap.21, pp. 542- 563	Lab 8,9 and 10: cont'd
Wednesday, July 7	15. NF G-B and Miscellaneous G-R	Chap. 22, pp. 564-586	Lab 11: Packaged GNR ID system Unknown #3  <b>Medtraining: a. Specimen site(urine) b. Case #3</b>
Monday, July 12	16. Urinary Tract Infections	Chap. 37, pp. 1010-1030	Lab 12: Pseudomonas Unknown #3
	17. GI Infections &	Chap. 34, pp.	

	Food Poisoning	957-978	<b>Medtraining:</b> <b>a. Specimen site(stool)</b> <b>b. Case #4</b>
<b>Exam #4</b>			
Wednesday , July 14	18. Corynebacterium and Other NSF G+ R	Chap. 16, pp. 410-424	Unknown #3
	19 . Aerobic G+ B	Chap. 17, pp. 425-436	
Monday, July 19	20. CNS Infections	Chap. 35, pp.979- 993	Unknown #4
	21 . Bacteremia	Chap. 36, pp. 995-1009	<b>Medtraining:</b> <b>a. CSF &amp; Joint</b> <b>b. Case #1, #7</b> <b>c. Blood</b>
Wednesday, July 21	22. Anaerobes	Chap. 23, pp. 587-641	Lab 13: Anaerobes Unknown #4
Monday , July 26	23. Skin & Soft tissue Infections	Chap. 33, pp. 935-956	13. Anaerobes (con't)Continued  Unknown #5  <b>Medtraining:</b> <b>a. Wound</b> <b>b. Case #6</b>
	<b>Exam #5</b>		
Wednesday, July 28	24. Chlamydia, Mycoplasma & Ureaplasma	Chap. 25, pp. 653-682	14. Mycobacterium  Unknown #5
	25. M. tuberculosis & other mycobacteria	Chap. 26., pp. 683-717	Class project presentations
Monday, August 2	26. Clinical Virology	Chap.29, pp. 826- 863	15. Sensitivity testing Class project presentations
	27. Sexually Transmitted Diseases	Chap. 38, pp. 1031-1045	<b>Medtraining:</b> <b>a. Genital</b>
Wednesday, August 4	28. Antimicrobials	Chap. 13, pp.319- 354	15. Sensitivity testing (con't)  Finish unknowns
	<b>Exam #6</b>		

Monday , August 9	29. Bioterrorism <b>CPL TOUR 11:30- 2:00</b>	Chap. 30, pp. 864-883	Finish unknowns <b>Medtraining: Micro module due</b>
Wednesday, August 11	<b>FINAL</b>	<b>Room 9209</b>	<b>9am-12:00 pm</b>