

**CLS 425 Medical Microbiology
Lecture Schedule
Spring 2019**

This schedule is tentative & subject to modifications during the course of the semester.

Date	Topics	Readings	Assignments
Week 1: MODULE 1	Syllabus, Introduction, Safety. We will meet to introduce the course, syllabus, safety, etc.	Chapters 1,2,3,4, 6,7, 12,77,78,79	<p>1. Complete MTS training Modules: biosafety, chemical safety, electrical safety, ergonomic safety, fire safety, formaldehyde safety, UV safety, Infection control</p> <p>All modules need to be completed by Sunday 11:59 p.m. prior to the start of Week 2. All scores must be 80% or higher and current to be allowed into the Module 2 Lab.</p> <p>2. Complete the Q/A quiz posted to Canvas due by 11:59 p.m. Friday end of Week 2.</p>
Week 2: Module 2 continued	Agar/Media; Q/A; Infection Control; Sentinel Labs	Chapters 1,2,3,4,5,6,7, 12,77,78,79	Staph Strep Pre-Lab Due by Start of Week 3's Lab, Post to Canvas.
Week 3: MODULE 3	Specimen Management Gram Positive Cocci	Chapters 5, 8, 13 & 14	Lab Basics Quiz AND Gram-Positive Cocci Quiz due Friday 11:59 p.m. end of Week 4
Week 4: MODULE 4	Tuesday: Molecular Methods Gram Negative Cocci Recorded lecture	Chapter 39 and 73	<p>Vitek-MALDI-TOF Assignment due end of week 5 Friday 11:59 p.m.</p> <p>Neisseria Pre-LAB due start of next week's lab.</p>

	Thursday: Gram Negative Cocci Recorded lecture Continued		
Week 5: MODULE 5	Exam 1 Tuesday In-person Thursday: Lecture Gram Negative Coccobacilli-Bacilli (Recorded)	Chapters 31, 34, 36	Gram Negative coccobacilli Post-Lab Quiz due Friday 11:59 p.m. end of week 6.
Week 6: MODULE 6	Tuesday: Gram Positive Bacilli Recorded Thursday: Enterobacteriaceae Recorded (Begin Listening to)	Chapters 15 - 17	Enterobacteriaceae Pre-Lab due by the start of next week's lab.
Week 7: MODULE 7	Tuesday: Enterobacteriaceae Cont. Recorded Lecture Thursday: Enterobacteriaceae cont. Recorded Lecture	Chapter 19	Enterobacteriaceae Post – Lab Quiz due 11:59 p.m. end of week 7. Enterobacteriaceae lab worksheet due end of Thursday Lab.
Week 8: MODULE 8	Exam 2 Tuesday in-person Thursday: Listen to Non-Fermentative Gram Negative Bacilli Recorded Lecture AND Pathophysiology of Pneumonia and Cystic Fibrosis	Chapters 20-21	Lab Case Study Urine Stool Post-Lab and Non-Fermentative Post Lab Quizzes due Friday 5:00 p.m. end of week 8

No Class Spring Break			
Week 9: MODULE 9	Tuesday: Miscellaneous G- Bacteria Recorded lecture. Thursday: Begin Listening to Antibiotics lecture	Chapters 24- 30, 32, 33, 37, 38	Gen-Probe panther assignment (students can work in groups of 3-4). Once completed post to Canvas Due Friday 11:59 p.m. end of week 9. Antibiotics Post Lab Quiz due Friday 11:59 p.m. end of week 9
Week 10: MODULE 10	Tuesday: Finish Antibiotics Lecture Exam 3 Thursday in- person	Chapters 10 & 11	No Assignment
Week 11: MODULE 11	Tuesday: Lecture Prions Recorded and Clinicopathologic correlations anaerobes recorded lecture Thursday: Begin Anaerobes Recorded lecture	Chapters 40 & 41	Anaerobes Practical Lab Kit Due Friday 11:59 p.m. end of Week 11
Week 12: MODULE 12	Tuesday: Finish Anaerobes Recorded lecture begin Mycobacteria Thursday: Mycobacteria Lecture Recorded	Chapter 40 & 41 cont. and 42	Mycobacterium CDC Module Assignment due 11:59 p.m. end of week 13.
Week 13: Continue Module 12	Continue with Mycobacteria lectures Online No LAB ASCLS Convention Appleton, WI 2019		

Week 14 MODULE 13	Tuesday: Miscellaneous Bacteria w/unusual growth characteristics Recorded EXAM 4 Thursday in- person	Chapters 18, 43,44,45	No Assignment
Week 15: MODULE 14	Tuesday: Virology Lecture Thursday: Finish Virology Lecture	Chapters 64,65,66	Normal Flora Assignment Due Friday 11:59 p.m. end of week 15.
Week 16	COMPREHENSIVE FINAL EXAM In- person		

**CLS 425: CLINICAL MICROBIOLOGY
LABORATORY SCHEDULE
2019**

Week 1: Module 1	Class meets in the lab on Tuesday General Overview/Safety/Media Discussion and MTS modules, Practical #1 Discussion
Week 2:	Practical #1
Week 3:	Staphylococcus and Streptococcus Lab Experience
Week 4:	Vitek and Maldi-TOF
Week 5:	Gram Negative Cocci Lab Experience
Week 6:	Practical # 2 – Gram Staining
Week 7:	Enterobacteriaceae (Biochemical tests/phenotypic characteristics) Lab Experience

Week 8: Clinical Correlation: Urine/Stool Specimens and Gram-negative bacilli (oxidative-fermentative)

SPRING BREAK!!!!!!!!!!!!

Week 9: Antibiotic Susceptibility Lab Experience

Week 10: Anaerobe Unknowns (Practical Kit)

Week 11: Practical #3 – Unknown

Week 12: Mycobacterium- CDC modules

Week 13: NO LAB: ASCLS-WI Meeting April 24-25 Appleton, 2019

Week 14: Practical # 4

Week 15: Finish Practical # 4 if necessary, Review/Lab Clean Up

Week 16: No Lab-Finals week

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