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| **DATE** | **LECTURE TIME**  | **READING** | **LABORATORY TIME** |
| MAug 25 | Course introduction; Dynamics of infectious disease | pp. xi-xivCh. 3, 2 | **UNIT 1 - THE PLAYERS****Part A – The Pathogens**Lecture Viruses  |
| WAug 27 | Bacteria | Ch. 4-8 | Lecture Eukaryotic pathogen and introduction to clinical cases**QUIZ 1- Review of Microbes - Take Home**  |
| M Sep 1 | ***Labor Day – No Class*** |
| WSep 3 | Quiz 1 due 10 am**Part B – The Host Defenses**Nonspecific host defenses against microbial invaders | Ch. 9 | Lab 1 – Gram stain and streak plate |
| MSep 8 | Nonspecific defenses continued |  | Lab 2 – Colony morphology |
| WSep 10 | Specific host defenses against microbial invaders | Ch. 10,11,14 | **QUIZ 2 – Nonspecific Defenses and Labs 1&2**Lab 3 – Initial sorting |
| MSep 15 | Specific defenses continued |  | Lab 4 – Gram positive cocci |
| WSep 17 | Specific defenses continued |  | GPC continued**Test One Essays – Take Home** |
| MSep 22 | Test One Essays due 10 am**Test One Multiple Choice, Short Answer – In class** |  | Lab 5 – Enterobacteriaceae |
| T |  |  | Check KIA results |
| WSep 24 | **UNIT 2- HOST AND PATHOGEN CONFLICTS**How are pathogens acquired and transmitted? | Ch. 12, 13 | Lab 5 - continued |
| MSep 29 | Acquisition and transmission continued |  | Lab 6 - Identification of Oxidase-positive, Gram-negative Rods  |
| WOct 1 | How do pathogens multiply and spread while avoiding host defenses | Ch. 15 | **QUIZ 3 – Acquisition, transmission/Labs 3-5**Lab 6 – continuedLab 7 – Identification of Gram-negative CocciLab 8 – Identification of Gram-positive Rods |
| MOct 6 | continued | Ch. 16 | Lab 9 – Introduction to Anaerobes Bacterial Unknown assigned to Honors/Grads |
| WOct 8 | What are the pathological consequences of infection? | Ch. 17 | **QUIZ 4 – Avoiding host defenses/Labs 6-8**Lab 9 - continued  |
| MOct 13 | continued |  | Lab 10 – Intro to Fungi |
| W Oct 15 | continued |  | **QUIZ 5 – Pathology/Labs 9-10****Test Two Essays – Take Home** |
| MOct 20 | Test Two Essays due 10 am**Test Two Multiple Choice, Short Answer – In class** |  | No lab |

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| **DATE** | **LECTURE TOPIC** | **READING** | **Laboratory and/or Clinical Case** |
| WOct 22 | **UNIT 3 – CLINICAL MANIFESTATIONS OF INFECTION BY BODY SYSTEM**Upper Respiratory Tract Infections | Ch. 18 | How to work up clinical unknowns |
| MOct 27 | Lower Respiratory Tract Infections, Case 1 assigned | Ch. 19 | Lab 11 - Clinical specimen received |
| T-F | Continue working on cases, no W lecture | Work on solving cases |
| MNov 3 | Clinical Case 1 due 10am**QUIZ 6 - RTI**Urinary Tract Infections and Sexually Transmitted Infections; Case 2 assigned | Ch. 20, 21  | Lab 12 - Clinical specimen received |
| T-F | Continue working on cases, no W lecture | Work on solving cases |
| MNov 10 | Clinical Case 2 due 10am**QUIZ 7 – UTI and STI**Gastrointestinal Infections; Case 3 assigned | Ch. 22 | Lab 13 - Clinical specimen received |
| T-F | Continue working on cases, no W lecture | Work on solving cases |
| MNov 17 | Clinical Case 3 due 10am**QUIZ 8 - GI**Nervous System Infections; Case 4 assigned | Ch. 24 | Lab 14 - Clinical specimen received |
| T-F | Continue working on cases, no W lecture | Work on solving cases |
| MNov 24 | Clinical Case 4 due 10am**QUIZ 9 - NS**Infections of Skin and Wounds; Case 5 assigned | Ch. 26 | Lab 15 - Clinical specimen received |
| T-W | Continue working on cases, no W lecture |  | Work on solving cases |
| R Nov 27 | ***Thanksgiving*** |  |
| MDec 1 | **UNIT 4 – CONTROL OF INFECTIONS****QUIZ 10 – Skin and Wounds**Chemotherapy | Ch. 33 | Lecture - Antibiotic resistanceLab 16 - Antimicrobial Susceptibility Testing |
| T Dec 2 |  | Check lab results |
| WDec 3 | Clinical Case 5 due 10amVaccinations | Ch. 34 | Lab 16 - continued |
| **M****Dec 8** | **FINAL EXAM****Comprehensive with emphasis on Units 3 and 4****BR 201 10:00am – 11:50am** |  |  |