

COURSE CHANGE FORM

Complete 1a – 1f & 2a – 2c. Fill out the remainder of the form as applicable for items being changed.

1. General Information.	
a. Submitted by the College of:	College of Health Sciences Today's Date: 9/20/10
b. Department/Division:	Department of Clinical Sciences/Clinical Laboratory Sciences
c. Is there a change in "ownership" of the course?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
If YES, what college/department will offer the course instead? _____	
d. What type of change is being proposed?	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor ¹ (place cursor here for minor change definition)
e. Contact Person Name:	Michelle Butina Email: mbu228@uky.edu Phone: 218-0852
f. Requested Effective Date:	<input type="checkbox"/> Semester Following Approval OR <input checked="" type="checkbox"/> Specific Term ² : Fall 2011
2. Designation and Description of Proposed Course.	
a. Current Prefix and Number:	CLS 856 Proposed Prefix & Number: MLS 461
b. Full Title:	Advanced Clinical Microbiology Proposed Title: Clinical Microbiology
c. Current Transcript Title (if full title is more than 40 characters):	_____
c. Proposed Transcript Title (if full title is more than 40 characters):	_____
d. Current Cross-listing:	<input checked="" type="checkbox"/> N/A OR Currently ³ Cross-listed with (Prefix & Number): _____
Proposed – <input type="checkbox"/> ADD ³ Cross-listing (Prefix & Number): _____	
Proposed – <input type="checkbox"/> REMOVE ^{3,4} Cross-listing (Prefix & Number): _____	
e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours ⁵ for each meeting pattern type.	
Current:	<u>2</u> Lecture <u>2</u> Laboratory ⁵ _____ Recitation _____ Discussion _____ Indep. Study _____
	_____ Clinical _____ Colloquium _____ Practicum _____ Research _____ Residency _____
	_____ Seminar _____ Studio _____ Other – Please explain: _____
Proposed:	<u>3</u> Lecture _____ Laboratory _____ Recitation _____ Discussion _____ Indep. Study _____
	_____ Clinical _____ Colloquium _____ Practicum _____ Research _____ Residency _____
	_____ Seminar _____ Studio _____ Other – Please explain: _____
f. Current Grading System:	<input checked="" type="checkbox"/> Letter (A, B, C, etc.) <input type="checkbox"/> Pass/Fail
Proposed Grading System:	<input checked="" type="checkbox"/> Letter (A, B, C, etc.) <input type="checkbox"/> Pass/Fail
g. Current number of credit hours:	<u>3</u> Proposed number of credit hours: <u>3</u>

Comment [OSC1]: Excerpt from SR 3.3.0.G.2 Definition. A request may be considered a minor change if it meets one of the following criteria:
a. change in number within the same hundred series*;
b. editorial change in the course title or description which does not imply change in content or emphasis;
c. a change in prerequisite(s) which does not imply change in content or emphasis, or which is made necessary by the elimination or significant alteration of the prerequisite(s);
d. a cross-listing of a course under conditions set forth in SR 3.3.0.E;
e. correction of typographical errors.

*...for the specific purposes of the minor exception rule, the 600-799 courses are the same "hundred series," as long as the other minor change requirements are complied with. [RC 1/15/09]

¹ See comment description regarding minor course change. *Minor changes are sent directly from dean's office to Senate Council Chair.* If Chair deems the change as "not minor," the form will be sent to appropriate academic Council for normal processing and contact person is informed.
² Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
³ Signature of the chair of the cross-listing department is required on the Signature Routing Log.
⁴ Removing a cross-listing does not drop the other course – it merely unlinks the two courses.
⁵ Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab meeting. Lab meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

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h. Currently, is this course repeatable for additional credit?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<i>Proposed to be repeatable for additional credit?</i>	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<i>If YES: Maximum number of credit hours:</i> _____		
<i>If YES: Will this course allow multiple registrations during the same semester?</i>	YES <input type="checkbox"/>	NO <input type="checkbox"/>
i. Current Course Description for Bulletin:	<u>The study of medically important bacteria, with an emphasis on anaerobes and mycobacteria, and clinically significant fungi, parasites and viruses. Clinical bacteriology knowledge will be applied through case studies.</u>	
<i>Proposed Course Description for Bulletin:</i>	<u>The study of medically significant microbiology, including normal flora and pathogens. Lectures also cover microbial physiology, interactions between host and pathogenic microorganisms, and the clinical and epidemiological consequences of these interactions. Clinical bacteriology knowledge will be applied through case studies.</u>	
j. Current Prerequisites, if any:	CLS 851 or equivalent.	
<i>Proposed Prerequisites, if any:</i>	<u>Admission into the Medical Laboratory Science Program or consent of instructor.</u>	
k. Current Distance Learning(DL) Status:	<input type="checkbox"/> N/A <input type="checkbox"/> Already approved for DL* <input checked="" type="checkbox"/> Please Add ⁶ <input type="checkbox"/> Please Drop	
*If already approved for DL, the Distance Learning Form must also be submitted <u>unless</u> the department affirms (by checking this box <input type="checkbox"/>) that the proposed changes do not affect DL delivery.		
l. Current Supplementary Teaching Component, if any:	<input type="checkbox"/> Community-Based Experience <input type="checkbox"/> Service Learning <input type="checkbox"/> Both	
<i>Proposed Supplementary Teaching Component:</i>	<input type="checkbox"/> Community-Based Experience <input type="checkbox"/> Service Learning <input type="checkbox"/> Both	
3. Currently, is this course taught off campus?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<i>Proposed to be taught off campus?</i>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
4. Are significant changes in content/teaching objectives of the course being proposed?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<i>If YES, explain and offer brief rationale:</i>		
<u>Currently the CLS program offers CLS 851 Basic Clinical Microbiology (1 credit) and CLS 856 Advanced Clinical Microbiology (3 credits). The program proposes the following: (a) to combine the lecture components of CLS 851 and CLS 856 into one course, MLS 461; (b) to separate the student laboratory component from the lecture components as the program is proposing a new Clinical Microbiology Laboratory course (MLS 461L); and (c) to remove Mycology and Parasitology content from CLS 856 as the program is proposing a new course comprised of these two content areas (MLS 430). For more details see Program Change Rationale.</u>		
5. Course Relationship to Program(s).		
a. Are there other depts and/or pgms that could be affected by the proposed change?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
<i>If YES, identify the depts. and/or pgms:</i> _____		
b. Will modifying this course result in a new requirement⁷ for ANY program?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
<i>If YES⁷, list the program(s) here:</i> <u>Medical Laboratory Science</u>		
6. Information to be Placed on Syllabus.		

⁶ You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.

⁷ In order to change a program, a program change form must also be submitted.

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a.	<input type="checkbox"/> Check box if <u>changed to 400G or 500.</u>	If <u>changed to 400G-</u> or 500-level course you must send in a syllabus and <i>you must include the differentiation</i> between undergraduate and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different grading criteria in the course for graduate students. (See SR 3.1.4.)
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COURSE CHANGE FORM

Signature Routing Log

General Information:

Course Prefix and Number: CLS 856 (Proposed MLS 461)

Proposal Contact Person Name: Michelle Butina Phone: 218-0852 Email: mbu228@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
CLS Faculty	9/20/10	Dr. Michelle Butina / 218-0852 / mbu228@uky.edu	<i>Michelle Butina</i>
Clinical Sciences Department	9/20/10	Dr. Karen Skaff / 218-0585 / karenskaff@uky.edu	<i>[Signature]</i>
CHS Associate Dean for Academic Affairs	10/26/10	Dr. Sharon Stewart / 218-0570 / srstew01@email.uky.edu	<i>Sharon Stewart</i>
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ^a
Undergraduate Council	3/1/2011		
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

^a Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

University of Kentucky
College of Health Sciences
Department of Clinical Sciences
Clinical Laboratory Sciences

Course Number/Title/Section: MLS 461 Clinical Microbiology, Section 001
Course Credit: 3 credits
Course Time /Place: Lecture: CTW TBA, Time: TBA
Course Faculty: Kim Campbell, MEd., MT(ASCP)
126D CTW Bldg. 900 S. Limestone
Lexington, KY 40536-0200
Email (preferred for contacting instructor):
Kkcamp1@uky.edu
Office phone: (859) 218-0853
Office Hours: Immediately after class or by appointment

COURSE DESCRIPTION

Bulletin Description:

The study of medically significant microbiology, including normal flora and pathogens. Lectures also cover microbial physiology, interactions between host and pathogenic microorganisms, and the clinical and epidemiological consequences of these interactions. Clinical bacteriology knowledge will be applied through case studies. Prereq: Admission into the Medical Laboratory Science Program or consent of instructor.

Student Learning Outcomes:

Upon completing this course, students will be able to demonstrate the following learning outcomes:

1. Identify diseases caused by each agent discussed.
2. Describe means of identification for each agent; evaluate microbiological assays, immunology assays and clinical findings to determine probable causative agent of disease.
3. Describe the epidemiology for each agent, listing the mode of transmission, reservoir, host range and portal of entry.
4. For each organism discussed list virulence factors and predict their mechanism of action in the host.
5. For each infection discussed, list treatments and note if a vaccine is available.
6. Develop a flow chart for the initial identification of various groups of bacteria.
7. Demonstrate appreciation of the importance of accurate and timely microbiology testing.

General Course Objectives :

The objective of this course is to impart to students:

1. Entry level knowledge and practical application skills in the area of Clinical Microbiology.
2. The ability to interpret clinical results and apply trouble-shooting skills while

practicing self-validation of their findings.

Required Text:

“Bailey & Scott’s Diagnostic Microbiology” by Forbes, Sahn, and Weissfeld, 12th. edition, 2007, C.V. Mosby Elsevier Publishers.

Grading:

Exams (5)	70%
Assignments	10%
Final Exam	20%

All exams are multiple choice of the type used on the professional certification exams. Exams may have visuals included in the questions. The Final Exam is comprehensive. The date, time and location of exams can be found in the course schedule.

Assignments may consist of short answer/multiple choice/fill in the blank questions, charts or tables, case studies, or other study aids that will assist in learning.

Mid-Term Evaluation:

Students will be provided with a mid-term evaluation. Exams taken and assignments due before mid-term (mid-term date can be found on the UK Academic Calendar) will be used to determine mid-term progress.

Grading Scale:

A	90-100%
B	80-89%
C	70-79%
D	60- 69%
F	below 60%

COURSE POLICIES

Professional Preparation: This program prepares students for entry into the clinical laboratory science profession. As such, instructors have a responsibility to assist students in learning about ethical and professional behavior. Professional behavior in this program includes: attending all classes, being prompt, notifying instructors of any absences, adhering to the highest standards of academic honesty, and conversing respectfully with faculty and fellow students.

Attendance: Tardiness is defined as arriving 10 minutes after class begins or departure before the end of the class session. Three tardies constitute one unexcused absence. Attendance is mandatory. For the third and each subsequent unexcused absence, the final average will be lowered by 1 point (1%). You are expected to contact the instructor PRIOR to class if you are unable to attend.

Make-up opportunity: When there is an excused absence a student will be given an opportunity to make up the missed work and/or exams. It is the student's responsibility to inform the instructor of the absence, preferably in advance. Any missed scheduled assignment(s) will be due at the beginning of the class session on the day the student returns. Time and location of make-up exams will be determined by the instructor.

Excused Absences:

S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences:

- a) serious illness;
- b) illness or death of family member;
- c) University-related trips;
- d) major religious holidays;
- e) other circumstances you find to be "reasonable cause for nonattendance".

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day for adding a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Verification of Absences:

The instructor has the right to request appropriate verification of an excused absence. Students missing work due to an excused absence bear the responsibility of informing the instructor about their excused absence (except where prior notification is required) and of making up the missed work (see "Make-up Opportunity" policy above).

Late work: Late work will not be accepted for a grade unless approved by instructor. If approved, points will be deducted for late work at the rate of 5 points per day. After one week, late work will not be accepted.

Submission of assignments: Assignments will be available on Blackboard. All assignments are to be accessed and submitted via Blackboard. All assignments are due on the assigned date (see course schedule) by the beginning of the class session.

Questions Concerning Grades: All assignments and exams will be evaluated. Any assignment graded incorrectly or questions concerning the grading must be brought to the instructors' attention within one week of the grade being posted/returned. One week after grades have been posted/returned they become final and no corrections will be made.

Electronic Device Policy: Generally cell phone use is not permitted for any reason. All cell phones must be placed in the "off" or "silenced" position during class. If there is a situation where a student might need to be notified during a class period, please alert the instructor to this potential and carefully monitor your phone. Other electronic devices (except for computers and i-Pads) such as smartphones, i-Pods, MP3 Players, and electronic game devices should be turned off.

Academic Integrity, Cheating, and Plagiarism: Each student in the class and program are expected to adhere to the highest standards of academic honesty. Cheating, plagiarism, and destruction of course materials violate the rules of the University. For more information on the

University's policy on academic integrity please see Students Rights and Responsibilities, Part II, Section 6.3 (<http://www.uky.edu/StudentAffairs/Code/part2.html>). Violations of the university's rules regarding academic honesty can lead to a failing grade in the course and suspension, dismissal or expulsion from the University. Instances of academic dishonesty will be reported to appropriate University officials as required by University rules and procedures.

Classroom Behavior: Classroom behavior should be in compliance with the student code of conduct. Full details can be viewed at: <http://www.uky.edu/StudentAffairs/Code/part1.html>. Consistent with this policy, student behavior that detracts from the educational environment will not be tolerated. Examples of inappropriate behaviors include engaging in disrespectful or uncivil discussions, holding disruptive discussions, or sleeping. Disruptive students will be asked to leave the classroom and re-admittance is at the discretion of the instructor.

Academic Accommodations: If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 859-257-2754, email address jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities. We can then collaborate on the best solution.

Severe Weather: It is the policy of the University of Kentucky to keep all offices open and classes meeting as scheduled except under extraordinary conditions.

If severe weather should result in changes to the university schedule, the university will follow specific procedures about when those decisions are made and how they will be announced. Details of those procedures are available at <http://www.uky.edu/PR/News/severeweather.htm>.

All faculty, staff and students should note that announcements regarding the cancellation of classes and closure of offices, or a delayed opening will normally be made by 6 a.m. through the local news media. The most up-to-date and complete information will be available from the UK Infoline at 859-257-5684, UK TV Cable Channel 16, or the UK Web site at <http://www.uky.edu/>

DISTANCE LEARNING STUDENTS (Center for Rural Health Students)

Distance Learning: Formal educational process in which the majority of instruction in a course occurs when students and instructors are not in the same place.

Instructor Information:

Virtual Office Hours: TBD

Preferred method of contact: Email (email address given at top of syllabus)
Maximum timeframe for responding to student communications: 24 hours

Technological Requirements:

- Access to a computer with Internet capabilities (DSL or Cable modems are highly recommended.)
- System Requirements for Blackboard see <http://wiki.uky.edu/blackboard/Wiki%20Pages/FAQS.aspx>

Technology Support:

- Contact information for Teaching and Learning Services Center (TASC):
Website: <http://www.uky.edu/TASC/>
Phone: 859-257-8272
- Contact information for Information Technology Customer Service Center (ITSC):
Website: <http://www.uky.edu/UKIT/>
Phone: 859-218-HELP
- Procedure for resolving technical complaints: Contact TASC or ITSC first, then contact instructor

Distance Learning Library Services:

- Contact information for Distance Learning Library Services:
Website: <http://www.uky.edu/Libraries/DLLS>
DL Librarian: Carla Cantagallo
Email: dllservice@email.uky.edu
Phone: 859 257-0500, ext. 2171; (800) 828-0439 (option #6)
DL Interlibrary Loan Service:
http://www.uky.edu/Libraries/libpage.php?lweb_id=253&llib_id=16

Date TBD	Lecture Topic	Chapter – B&S	Assignments- All homework due the following class period
1	<ul style="list-style-type: none"> • Introduction 	<ul style="list-style-type: none"> • Ch. 1,2,3,6,7,8,13 	<ul style="list-style-type: none"> • Introduction
2	<ul style="list-style-type: none"> • Biochemical Tests 	<ul style="list-style-type: none"> • Ch. 1,2,3,6,7,8,13 	<ul style="list-style-type: none"> • Biochemical Tests
3	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Positive Cocci 	<ul style="list-style-type: none"> • Ch. 16 	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Positive Cocci
4	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Negative Cocci 	<ul style="list-style-type: none"> • Ch. 17 	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Negative Cocci
5	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Positive, Non-Branching Bacilli 	<ul style="list-style-type: none"> • Ch. 18 • Ch. 19 	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Positive, Non-Branching Bacilli
6	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Negative Bacilli • Gram-Positive, Branching or Partially Acid-Fast Bacilli 	<ul style="list-style-type: none"> • Ch. 20 • Ch. 21 	<ul style="list-style-type: none"> • Gram-Positive, Catalase-Negative Bacilli • Gram-Positive, Branching or Partially Acid-Fast Bacilli
7	<ul style="list-style-type: none"> • Exam 1 (Time: TBD, Location: TBD) 		
8	<ul style="list-style-type: none"> • Gram-Negative Cocci 	<ul style="list-style-type: none"> • Ch. 42 	<ul style="list-style-type: none"> • Gram-Negative Cocci
9	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Negative</p> <ul style="list-style-type: none"> • <i>Enterobacteriaceae</i> 	<ul style="list-style-type: none"> • Ch. 22 	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Negative</p>

10	<ul style="list-style-type: none"> • <i>Enterobacteriaceae</i> - continued 		
11	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Negative</p> <ul style="list-style-type: none"> • <i>Acinetobacter, Chryseomonas, Flavimonas, Stenotrophomonas</i> 	<ul style="list-style-type: none"> • Ch. 23 	Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Negative
12	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Positive</p> <ul style="list-style-type: none"> • <i>Pseudomonas, Burkholderia</i> and Related Organisms • <i>Achromobacter</i> and Related Organisms • <i>Chryseobacterium</i> and Related Organisms • <i>Alcaligenes, Nonpertussus Bordetella, Comamonas</i> and Related Organisms • <i>Vibrio, Aeromonas, Plesiomonas shigelloides, Chromobacterium violaceum</i> 	<ul style="list-style-type: none"> • Ch. 24 • Ch. 25 • Ch. 26 • Ch. 27 • Ch. 28 	Gram-Negative Bacilli and Coccobacilli that are MacConkey-Positive and Oxidase-Positive
13	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Negative and Oxidase-Positive</p> <ul style="list-style-type: none"> • <i>Sphingomonas</i> and Related Organisms • <i>Moraxella</i> and Elongated <i>Neisseria</i> • <i>Eikenella corrodens</i> and Related Organisms • <i>Pasteurella</i> and Similar Organisms • <i>Actinobacillus, Kingella, Cardiobacterium, Capnocytophaga</i> and Related Organisms 	<ul style="list-style-type: none"> • Ch. 29 • Ch. 30 • Ch. 31 • Ch. 32 • Ch. 33 	Gram-Negative Bacilli and Coccobacilli that are MacConkey-Negative and Oxidase-Positive
14	Exam 2 (Time: TBD, Location: TBD)		
15	<p>Gram-Negative Bacilli and Coccobacilli that are MacConkey-Negative and Oxidase-Variable</p> <ul style="list-style-type: none"> • <i>Haemophilus</i> 	<ul style="list-style-type: none"> • Ch. 34 	Gram-Negative Bacilli and Coccobacilli that are MacConkey-Negative and Oxidase-Variable

16	Gram-Negative Bacilli That are Optimally Recovered on Special Media <ul style="list-style-type: none"> • <i>Bartonella</i> and <i>Alfpia</i> • <i>Campylobacter</i>, <i>Arcobacter</i> and <i>Helicobacter</i> • <i>Legionella</i> • <i>Brucella</i> • <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> • <i>Francisella</i> • <i>Streptobacillus moniliformis</i> and <i>Spirillum minus</i> 	<ul style="list-style-type: none"> • Ch. 35 • Ch. 36 • Ch. 37 • Ch. 38 • Ch. 39 • Ch. 40 • Ch. 41 	Gram-Negative Bacilli That are Optimally Recovered on Special Media
17	Bacteria With Unusual Growth Requirements <ul style="list-style-type: none"> • Obligate Intracellular and Nonculturable Bacterial Agents (<i>Rickettsia</i>, <i>Orientia</i>, <i>Ehrlichia</i>, <i>Coxiella</i>, <i>Tropheryma whippelii</i>, <i>Calymmatobacterium granulomatis</i>) 	<ul style="list-style-type: none"> • Ch. 46 	Bacteria With Unusual Growth Requirements
18	Bacteria With Unusual Growth Requirements <ul style="list-style-type: none"> • Cell Wall-Deficient Bacteria: <i>Mycoplasma</i> and <i>Ureaplasma</i>; <i>Chlamydia</i> 	<ul style="list-style-type: none"> • Ch. 47 • Ch. 48 	Bacteria With Unusual Growth Requirements
19	Exam 3 (Time: TBD, Location: TBD)		
20	Anaerobes	<ul style="list-style-type: none"> • Ch. 43,44 	
21	Anaerobes, continued		Anaerobes
22	Myocobacteria	<ul style="list-style-type: none"> • Ch. 45 	Myocobacteria
23	Urinary Tract Infections	<ul style="list-style-type: none"> • Ch. 57 	UTI Homework
24	Exam 4 (Time: TBD, Location: TBD)		
25	Gastrointestinal Infections	<ul style="list-style-type: none"> • Ch.59 	GI Homework
26	Upper and Lower Respiratory Tract Infections	<ul style="list-style-type: none"> • Ch. 53,54 	Resp. Homework

27	Skin, Soft Tissue and Wound Infections	<ul style="list-style-type: none"> • Ch. 60 	Skin, Soft Tissue and Wound Homework
28	Genital Tract Infections	<ul style="list-style-type: none"> • Ch. 58 	Genital Tract Homework
29	Bloodstream Infections	<ul style="list-style-type: none"> • Ch. 52 	Blood Homework
30	Exam 5 (Time: TBD, Location: TBD)		
31	CSF and Normally Sterile Body Fluid Infections/ Head and Neck Infections	<ul style="list-style-type: none"> • Ch. 55, 61 • Ch. 56 	CSF and Body Fluid Homework; Head and Neck Homework
32	Antimicrobial Susceptibility	<ul style="list-style-type: none"> • Ch 11,12 	
TBD	Comprehensive Final Exam (Time: TBD, Location: TBD)		