



**School of Pharmacy Required Course Syllabus
PHAR 6475 Integrated Systems-Based Pharmacotherapy IIIA2**

October 20th – December 12th, 2025

MTWR 1:00-2:50pm | Campbell Building Room 212

Course Coordinator

William Campillo Terrazas, PharmD, MPH	
Clinical Assistant Professor Office Phone: (915) 747-8267 Office Room Number: 316 Email: wcampilloterr@utep.edu	Office Hours: Thursdays, 3-5pm or by appointment Office hours will be offered either virtually or live by appointment only.

Course Faculty

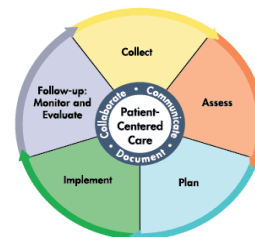
Course Faculty/Instructors				
Faculty	Title	Office	Contact	Office Hours
Alaa Abdelhakim, PharmD	Clinical Assistant Professor	Virtual	akabdelhakie@utep.edu (915) 747- 8284	<i>By appointment</i>
Christopher G. Medlin, PharmD, BCPS	Clinical Assistant Professor	CABL 704	cgmedlin@utep.edu (915) 747-8551	<i>By appointment</i>
Denise I. Pinal, PharmD, BCPPS	Clinical Associate Professor	CABL 718	denisepi@utep.edu (915) 747-5884	<i>By appointment</i>
Kayla Ortiz, PharmD, BCIDP	Clinical Assistant Professor	CABL 713	krmakiortiz@utep.edu (915) 747-8098	<i>By appointment</i>
Priscila S. G. Farani, PhD	Assistant Professor Pharmaceutical Sciences	CABL 507	psilvagrij@utep.edu (915) 747-8838	<i>By appointment</i>
Rafael Sanchez, PharmD, AAHIVP, BCACP, CDCES	Clinical Assistant Professor	CABL 501	rsanchez48@utep.edu (915) 747- 8560	<i>By appointment</i>
Scott Weston, RPh, MBA, PhD	Professor of Pharmaceutical Sciences	CABL 110K	gsweston@utep.edu 915-747-8242	<i>By appointment</i>

Office Hours

Students are encouraged to request appointments with the course coordinator or individual faculty members via email. Guest faculty will provide office hours on days when they are delivering lectures. To ensure availability, students should schedule appointments at least two (2) business days in advance. Virtual office hours will be conducted synchronously using a UTEP-approved platform (e.g., Microsoft Teams, Blackboard, or Zoom). These sessions are intended to address questions regarding course content, clarification of exam items, and course logistics. The course coordinator will make every effort to respond to student inquiries as promptly as possible, typically within 24–48 hours during business days.

Course Description

The Integrated Systems-Based Pharmacotherapy (ISBP) course sequence is designed to provide students with a progressive, comprehensive foundation in pharmacotherapy. The sequence begins in the P2 year, emphasizing primary care topics, and continues into the P3 year, where the focus shifts to advanced pharmacotherapy, acute care, and specialty areas. This curricular structure allows students to build upon foundational knowledge while applying it to increasingly complex patient care scenarios. Faculty from both the Department of Pharmaceutical Sciences and the Department of Clinical Sciences collaborate to deliver an integrated approach that combines didactic learning with applied experiences. The course series also incorporates practical application laboratories and integrated laboratory activities to reinforce clinical problem-solving and prepare students for professional practice.



Source:

<https://doi.org/10.21019/9781582122>

Course Objectives (mapped to national outcomes):
At the conclusion of this course, students shall be expected to:

Course Objectives	COEPA Outcomes	NAPLEX 2021	Types of Activities to Meet Learning Objectives	Assessment Measures	Level of Assessment (I) Introduce (R) Reinforce (A) Apply
Objective 1: Apply the basic anatomy and physiology concepts to understand the cellular and molecular organization of the system.	1.1	1.5	<ul style="list-style-type: none"> • Readings • Lectures • Discussions • Class activities 	<ul style="list-style-type: none"> • Patient Application • Quizzes • Assignments • Exams 	R
Objective 2: Describe the pathophysiology responsible for all disease states covered.	1.1	1.5			R, A
Objective 3: Classify the structure-activity relationships (SARs) to drug receptor/target interactions	1.1	2.1, 2.2			R
Objective 4: Identify SARs with regard to characteristic pharmacophores and drug-receptor interactions for specific drugs and drug classes.	1.1	2.1, 2,2			R
Objective 5: Illustrate the mechanism of pharmacological action (including toxicology, adverse effects, and drug-drug interactions) of specific drugs and drug classes in affecting/treating a targeted disease state.	1.1	2.1, 2.2, 2.3, 3.8			R
Objective 6: Apply the general principles of drug pharmacokinetics/pharmacodynamics and pharmacogenomics into the drug therapy plan.	1.1	1.1, 3.10, 4.9			R, A
Objective 7: Integrate pathophysiology concepts and basic principles of pharmaceutical sciences into the therapeutic decision-making process	1.1	1.1, 1.4, 1.5, 1.6, 1.7, 2.1			R, A
Objective 8: Describe the etiology, incidence, and prognosis associated with disease states covered	1.1	1.5, 1.6			R
Objective 9: Recognize the major signs, symptoms, and clinical findings associated with disease states covered	1.1	1.5			R
Objective 10: Identify usual medication doses, dosage forms, adverse drug reactions, and monitoring parameters of drug classes	1.1	3.4, 3.5, 3.6, 3.9			R, A
Objective 11: Formulate a comprehensive drug therapy plan that incorporates non-pharmacologic and pharmacologic approaches including first-line therapy, alternative therapies, monitoring parameters and diagnostic interpretations, desired therapeutic goals/outcomes, and considerations for special populations (e.g. pediatrics, geriatrics, multiple disease states).	2.1 2.3 2.6	3.2, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11			R, A

Course Meetings & Location

The ISBP IIIA2 course will be delivered live in the Campbell Building, Room 212, on Monday through Thursday from 1:00–2:50 p.m. The course coordinators reserve the right to adjust the syllabus or course calendar as needed to promote student learning and overall course success. Any modifications will be communicated to students through Blackboard and/or their UTEP Miners email account. Students are responsible for checking these platforms regularly to remain informed of announcements and updates.

Methods of Instruction/Content Delivery:

In the event of a major disruption (e.g., pandemic, severe weather), UTEP or the School of Pharmacy may transition this course to a primarily online format. Students are encouraged to review strategies for succeeding in an online environment here: [Tips for Online Learning Success](#).

Learning Outcomes and Assessment

The learning outcomes and assessment processes for this course will be met through the following:

- Lecture Materials – may include pre-recorded videos, assign readings, and live in-class lectures.
 - Lecture recordings after class is not guaranteed and will be determined at the discretion of individual instructor.
- Quizzes – administered throughout the course to reinforce learning and assess understanding.
- Case Applications – applied learning activities such as EHR Go exercises, data collection sheets, consult notes, discussion boards, and SOAP notes.
- Exams – comprehensive assessments designed to evaluate integration and application of course material.

Required Course Technology/Tools/Needs

Required Textbooks:

- Bauer LA. *Applied Clinical Pharmacokinetics*. 3rd ed. ISBN 978-0071794589. [Available in AccessPharmacy](#).
- Brunton LL. *Goodman & Gilman's The Pharmacologic Basis of Therapeutics*. 14th ed. ISBN 978-0071624428. [Available in AccessPharmacy](#).
- DiPiro JT. *Pharmacotherapy: A Pathophysiologic Approach*. 12th ed. ISBN 978-125958741. [Available in AccessPharmacy](#).
- Hammer GD. *Pathophysiology of Disease: An Introduction to Clinical Medicine*. 8th ed. ISBN 978-0071806008. [Available in AccessPharmacy](#).
- Hoffman RS. *Goldfrank's Toxicologic Emergencies*. 11th ed. ISBN 978-0071801843. [Available in AccessPharmacy](#).
- Johnson JA. *Pharmacogenomics: Applications to Patient Care*. 3rd ed. ISBN 978-1939862099.
- Lemke TL. *Foye's Principles of Medicinal Chemistry*. 7th ed. ISBN 9781609133450.

Recommended Textbooks:

- Beale JM. *Wilson and Gisvold's Textbook of Organic Medicinal and Pharmaceutical Chemistry*. 12th ed. ISBN 978-0781779296.
- Bertino JS. *Pharmacogenomics: An Introduction and Clinical Perspective*. 1st ed. 978-0071741699. [Available in AccessPharmacy](#).
- Golan DE. *Principles of Pharmacology: The Pathophysiologic Basis of Therapeutics*. 4th ed. ISBN 978-1451191004.
- Jameson JL. *Harrison's Principles of Internal Medicine*. 21st ed. ISBN 978-1-259-64403-0. [Available in AccessPharmacy](#).
- Katzung BG. *Basic and Clinical Pharmacology*. 16th ed. ISBN 978-1259641152. [Available in AccessPharmacy](#).
- LeFever Kee J. *Handbook of Fluids, Electrolytes, and Acid-Base Imbalances*. 3rd ed. ISBN 14353689. [Available in Pharmacy E-Books](#).
- Morton DA. *The Big Picture: Gross Anatomy*. 2nd ed. ISBN 978-0071476720. [Available in AccessPharmacy](#).
- Murphy JE. *Clinical Pharmacokinetics*. 6th ed. ISBN 978-1585285365.
- Zdanowicz M. *Concepts in Pharmacogenomics*. 2nd ed. ISBN 978-1585285167.

Laptop Computer

Students are expected to bring a functional laptop computer to class each day to participate in online exercises and assessments. It is the responsibility of each student to ensure that their device is in proper working condition and complies with the University and School of Pharmacy IT requirements (see the [SOP Student Handbook](#) for details). In online learning environments, students should be prepared to use their screen, camera, and audio when requested to support active participation with faculty and classmates.

Calculator

- Students should have a non-graphing, non-programmable calculator readily available for lecture and assessment activities
- Some exams (e.g., ExamSoft®) may require use the software calculator.

Software/Technology Testing

- Technology must be tested in during first week of courses to ensure functionality.
 - ExamSoft® Exam Monitor
 - Blackboard® Collaborate: Chrome Browser
 - Microsoft® Teams or UTEP Zoom®
 - EHR Go®

Attendance

The attendance policy for the School of Pharmacy is outlined in the [SOP Student Handbook](#). Students are expected to demonstrate professionalism by attending all class sessions, arriving on time, and being prepared for the day's lesson. Respect for faculty, guest speakers, and peers is reflected through consistent attendance and active engagement. Student is caught falsifying or aiding others in falsifying attendance records, a Student Professionalism Report will be filed and forwarded to the UTEP Office of Community Standards (formally known as OSSCR).

Attendance at lectures will not be formally recorded; however, regular attendance and punctuality are strongly encouraged and expected as hallmarks of professional behavior. If large numbers of students are absent, the course coordinator reserves the right to administer unannounced quizzes. Please note that work obligations are not considered a valid reason for absence.

For excused absences (e.g., personal illness, family emergency, professional travel), students must notify both the course coordinator(s) and the instructor(s) scheduled to teach at least two hours prior to the start of class. Documentation requirements are outlined in the Student Handbook and must be submitted to the Office of Student Affairs.

Students with excused absences should promptly:

1. Notify the course coordinator(s) and the day's instructor(s).
2. Submit the Student Absence Form to the Director of Student Affairs (Mrs. Carmen Ramos, crtorres2@utep.edu) via the online form: [UTEP School of Pharmacy Student Absence Form](#).

Absences related to professional travel or other events outside of the criteria listed in the Student Handbook require prior approval and appropriate documentation, as detailed in the Handbook.

Classroom/Online Etiquette

Students are expected to conduct themselves in a professional manner, and faculty will extend the same level of professionalism in return. Behaviors that interfere with learning, such as side conversations, cell phone use, or use of electronic devices for non-course activities will not be permitted. Laptops may be used during class for notetaking and course-related activities only. Use of laptops for unrelated purposes is disruptive and diminishes the learning environment for peers.

Students engaging in disruptive or unprofessional behavior will be removed from class, will not receive points for that week's assignments, and a professionalism report will be submitted.

Unique Dress Policy for Course

Students of the UTEP School of Pharmacy (SoP) are expected to maintain a high level of professional standards, to include professional attire, as defined by the SoP Student Handbook.

Questions Related to the Course and Grading/Exams

General questions about the course should be directed to the course coordinator. Questions related to specific content or topics should be addressed to the content instructor within five (5) business days of the material being presented.

Concerns regarding assignments or exam grades must be discussed with the course coordinator within five (5) business days of the grade being posted.

Evaluation and Grading Policy

Course point distribution will be as follows:

Assessment	Total Points	Percentage Course Grade	Comments
Learning Activities	~20	10%	To pass ISBP IIIA2, average exam scores (outside of learning activities) must average a 70%*
Quiz 1	~15	5%	
Quiz 2	~15	5%	
Quiz 3	~15	5%	
Quiz 4	~15	5%	
Quiz 5	~15	5%	
Quiz 6	~15	5%	
Midterm Exam	~60	30%	
Final Exam	~63	30%	
Total	233	100%	

Assignment of grades:

- A = 89.5 – 100%**
- B = 79.5 – 89.49%**
- C = 69.5 – 79.49%**
- D = 59.5 – 69.49%**
- F = < 59.5%**

Final course grades will be rounded using standard rounding conventions. Specifically, grades with a decimal value of 0.5 or higher will be rounded up to the next whole number. Please note that this policy applies **only to final course grades** and does not apply to individual quizzes or exams.

Example:

- A final grade of 89.5 will be rounded to 90.
- A final grade of 89.4 will remain 89.

Learning Activities

To support preparation outside of class, faculty may assign pre-class work such as required readings, short “micro-lecture” videos, or pre-class quizzes. Additional assignments and activities may include (but are not limited to) in-class or post-class quizzes, case application exercises, SOAP notes, and team-based learning activities (iRAT, tRAT).

Each week, a class handout will be provided through Blackboard®. Students are strongly encouraged to complete these handouts as study tools to prepare for quizzes and exams and to assess their own mastery of the material. These handouts are not graded and do not contribute points toward the final course grade.

Some course lectures may also include graded learning activities. The distribution of points for these activities may vary depending on the module and faculty availability and is subject to change at the discretion of the instructor. Students must be physically present in class to receive credit for iClicker participation and/or in-person quizzes. Submitting iClicker responses or quiz answers without being present in class constitutes academic dishonesty and will be reported to the Office of Student Conduct and Conflict Resolution (OSCCR) in accordance with university policy.

Summary of Learning Activities

Activity Type	Purpose	Graded?	Notes
Pre-class readings/videos	Preparation for in-class learning	No	May be followed by pre-class quizzes
Weekly handouts (via Blackboard®)	Self-assessment and exam/quiz preparation	No	Strongly encouraged but not required
In-class/post-class quizzes	Reinforce material, check understanding	Yes	Must be present to receive credit
Case application exercises	Apply knowledge to clinical scenarios	Yes	Format may vary by module
SOAP notes	Practice clinical documentation	Yes	Integrated into course modules
Team-based learning (iRAT/tRAT)	Collaborative learning and application	Yes	Participation required
iClicker participation	Engagement and real-time feedback	Yes	No credit if not physically present

Exams:

This course will include a total of six (6) quizzes and two (2) exams (a midterm and a final). Quizzes are designed not only to assess mastery of current material but also to promote long-term retention. To support this, quizzes will include retention questions from the previous week's content. Review questions will emphasize key areas such as:

- Brand and generic names
- Formulations
- Mechanism of action
- Renal/hepatic dose adjustments
- Drug–drug interactions
- Black Box Warnings, contraindications, and other warnings
- Side effect profiles (most common)

If specific information is not provided during course lectures, it is the student's responsibility to reference appropriate tertiary resources (e.g., Lexicomp®, Clinical Pharmacology®) available through the [UTEP School of Pharmacy database](#). Quizzes 1–3 will review material covered from the beginning of the course through the midterm exam. Quizzes administered after the midterm will review content introduced during the second half of the course. The midterm exam will cover material from the first half of the semester and the final exam will focus only material from the second half of the semester.

Exams will include a variety of question formats such as true/false, matching, multiple choice, multiple answer (e.g., select all that apply), fill-in-the-blank, and free response/short essay. All exams will be delivered through ExamSoft®. In alignment with NAPLEX-style testing, the following policies will apply:

- No partial credit will be awarded for “select all that apply” questions.
- Backtracking will not be permitted once an answer is submitted.

To successfully pass the course, **students must achieve a minimum average score of 70% across all exams (quizzes, midterm, and final combined)**. This exam average is separate from grades earned on quizzes and learning activities.

If you require learning accommodations, let the course coordinators as soon as possible, so that they make reasonable adjustments.

The Use of Artificial Intelligence (AI) Tools:

The use of generative artificial intelligence (AI) technologies or automated tools (e.g., ChatGPT) to complete assignments, exams, or other course work is prohibited unless explicitly authorized by the course coordinator. Students should be aware that AI tools frequently generate inaccurate or misleading information (“hallucinations”) and may provide responses that are inappropriate or academically unsound.

If the course coordinator permits the use of AI for a specific assignment, students must provide appropriate acknowledgment and citation of the tool. Regardless of permission, students are expected to demonstrate their own critical thinking, problem-solving, and creativity when completing all coursework.

Submitting AI-generated material as your own work without disclosure will be treated as plagiarism and will be reported to the Office of Student Conduct and Conflict Resolution in accordance with university policy.

Exam-Related Technology and Guidance

Students should refer to the UTEP School of Pharmacy Student Handbook for detailed policies regarding both on-campus and remote/online exams.

This course requires the use of ExamSoft® for all electronic assessments. Students are responsible for ensuring they have proper access to the system. Assessments will be made available prior to the due date, and students must download them in advance using a stable internet connection. It is the student's responsibility to maintain reliable internet access, apart from rare circumstances in which UTEP's systems are unavailable.

Students who have trouble accessing their ExamSoft® account must contact Mr. Adrian Enriquez (aealonso@utep.edu) within five (5) business days of the first day of class to resolve the issue. Please note that Mr. Enriquez is not available after business hours or on

weekends for troubleshooting computer failures, software issues, or equipment requests. Students are expected to confirm that their laptop and ExamSoft® system are functioning properly prior to all assessments.

Exam Day Policy

Students are expected to **arrive on time** for all examinations. Any student who arrives **after another student has completed the exam and left the room** may not be permitted to take the exam and may receive a score of zero.

Make-up exams will only be considered in cases of **documented illness or emergency**. In such circumstances, the student must contact the **course coordinator prior to the scheduled exam** to request approval. If permission is granted, it is the student's responsibility to work with the course coordinator to arrange an alternative exam time. The format of the make-up exam (e.g., oral, written, or re-weighting on the final exam) will be determined at the discretion of the course coordinator.

Unexcused absences from an exam will result in a grade of **zero (0)** for that assessment.

Student Expectations Prior and During Examination

Seating

Randomized, assigned seating will be used for all examinations

Room Procedures

Students must arrive at the designated exam room **at least 15 minutes prior to the scheduled start time**. Students will not be permitted to enter the room until seating assignments are provided. Students arriving **after the exam has begun** will not receive additional time to complete the assessment. If another student has already submitted their exam and left the room before a late-arriving student enters, the late arrival will not be permitted to take the exam and will receive a grade of **zero (0)**.

Electronic Exam Requirements

All electronic exams must be **downloaded at least two (2) hours prior** to the scheduled exam start time. Failure to do so will result in a score of **zero (0)**.

Students are responsible for ensuring they have a functional laptop for all electronic exams. Loaner computers are available through the **Instructional Learning Center (ILC)**; however, students must plan in advanced to access these computers. Students who arrive without a computer will:

1. Be required to complete the exam on paper,
2. Be subject to a possible grade deduction of 10% as outlined in the syllabus, and
3. Receive a **professionalism referral** to the SOP Progression Committee.

Availability of items during exam

Students will be notified in advance if scratch paper is permitted. Only scratch paper provided by the **School of Pharmacy** may be used during an examination. Each sheet must include the **student's name and date** on every page, and all pages must be returned to faculty at the conclusion of the exam. Exceptions will be noted in the course syllabus.

Personal Belongings

- Backpacks, purses, hats, large coats, and other bulky clothing are **not permitted** during examinations. These items must be stored outside the examination room or in a designated area within the exam room as directed by faculty or proctors.
- Food and drinks are not allowed during examinations.

Electronic Devices

- Electronic devices (including watches, phones, calculators, and similar items) are **not permitted** during examinations unless specifically approved by the instructor in advance.
- Approved devices may be subject to inspection before entering the exam room.
- If calculators are allowed, the **specific model** will either be designated in the syllabus or communicated to students prior to the exam.
- Any disruption caused by an electronic device during an examination may result in a **grade penalty** as outlined in the syllabus.

Restroom Breaks

Restroom breaks are **not permitted** during examinations unless prior accommodations have been approved. If a restroom break is allowed, students should expect a proctor to accompany them to the restroom and remain outside until the student returns. No additional time will be provided for restroom use.

By default, faculty will provide scratch paper for examinations, unless faculty determines scratch paper is not necessary in which case students will receive advance notice that scratch paper will not be provided. Only faculty will provide scratch paper, and only scratch paper provided by the School of Pharmacy can be used during the examination. Any scratch paper utilized during an examination must have the student's name and date on every page and all pages must be turned in at the completion of the examination. Any exemption will be noted accordingly in the syllabus.

- No backpacks, purses, hats, large coats, and/or other bulky clothing permitted; these items need to be left outside the examination room or in an area in the exam room designated by the faculty/proctor.
- No food or drink allowed during an exam.
- No electronic devices (for example: watches, phones, calculators, etc.) are permitted on the student during an examination unless approved by the instructor prior to the examination or inspected upon entry into the exam room for approval. A specific model for calculators may be specified in the course syllabus or provided in advance of the examination to students.
- Disruption of examination time due to an electronic device can result in a grade penalty as stipulated in the syllabus.
- Bathroom break: **No** bathroom breaks permitted during examinations unless a prior accommodation is made. Faculty maintain discretion over the permissibility of bathroom breaks; students should expect that a proctor will accompany them to the restroom and will wait outside the restroom if permission for restroom use is granted. No additional time will be provided for examinations when restroom breaks occur.

Missed Quizzes/Assignments – Excused/Unexcused Absences

Only students who miss an assignment because of an **excused absence** will be allowed to make-up the assessment. **Late submissions will not be accepted.** Students should consult the UTEP School of Pharmacy **Student Handbook** for definitions and examples of excused absences.

- The course coordinator **MUST** be notified **at least two hours prior to the start of class or the exam** for the student to be excused.
- In the case of **religious holidays or professional conference attendance**, the student **MUST** notify the course coordinator **ten (10) business days** prior to the exam or quiz. Students should not assume that they can miss an exam for vacation or other personal conflicts.
- Any unexcused absence from an assignment, quiz, and/or exam will result in a grade of **ZERO**.

Remediation Policy

If students do not achieve a passing grade on the initial exam for any course, their names will be recommended for enrollment in the SPEC program. It is the responsibility of the student to reach out to Dr. Harleen Singh (hsingh3@utep.edu) to arrange sessions for tutoring (please ensure the course coordinator is copied on the correspondence as well). The program aims to enhance student achievement in the course, encompassing both its subject matter and effective study strategies, as well as available resources. While participation is optional, it is highly advisable to engage with the program.

Students must participate fully in the course to be eligible for remediation. Please refer to the Student Handbook for end-of-course remediation policies and timelines (**see Table of Contents for End of Course Remediation**).

Course Evaluation

During this course, you will be provided with an opportunity to evaluate this course and your instructors. The Associate Dean for Assessment, Accreditation, and Strategic Planning will send an email reminder toward the end of this course for you to complete the course evaluation. UTEP uses an online course evaluation system. Course Evaluations can be taken at my.utep.edu by clicking on the CLASSES TAB on the left. The Course Evaluation module will appear and your classes will be listed. Click on the Course Name, or CRN, to complete the evaluation for the course. Your participation is an integral part of this course and the accreditation process, and your feedback is vital to improving education at the School of Pharmacy.

Additional Course Policies

Refer to the Common Syllabus for additional course policies that apply to all School of Pharmacy courses.

Student Syllabus Acknowledgement:

I've reviewed the syllabus, agreed to abide by its terms, and had the opportunity to address any questions or concerns with the course coordinator. This syllabus is a living document that may be subject to changes or alterations by the course coordinator in response to support student and course success. If I have any questions or concerns after today, I'll promptly bring them up to the course coordinator.

I understand that I'm responsible for my success in this course and will be held accountable for all course deadlines and expectations. Please submit a signed copy of this syllabus to the Blackboard® submission in the week 1 module.

By signing below, I acknowledge that I'll be held to the contents of this syllabus and agree to the statements above.

Student Name Printed

Student Signature

Date

Course Calendar Overview

Date	Time	Lecture Number	Topics	Instructor
Week 1				
Mon 10/20	1-1:50	Lecture 1	ISBP IIIA2 Orientation Bugs & Drugs Review	Abdelhakiem
	2-2:50	Lecture 2	Antimicrobial Resistance Pharmacotherapy	Abdelhakiem
Tue 10/21	1-1:50	Lecture 3	Aminoglycosides Dosing Clinical Kinetics (Part 1)	Abdelhakiem
	2-2:50	Lecture 4	Aminoglycosides Dosing Clinical Kinetics (Part 2)	Abdelhakiem
Wed 10/22	1-1:50	Lecture 5	Vancomycin Clinical Kinetics (Part 1)	Abdelhakiem
	2-2:50	Lecture 6	Vancomycin Clinical Kinetics (Part 2)	Abdelhakiem
Thu 10/23	1-1:50	Lecture 7	Week 1 Quiz	
	2-2:50	Lecture 8	Cystic Fibrosis Pharmacology	Mendez
Week 2				
Mon 10/27	1-1:50	Lecture 9	Cystic Fibrosis (including Special Populations) Pharmacotherapy & Pharmacogenomics	Pinal
	2-2:50	Lecture 10	COPD Exacerbations Pharmacotherapy	Sanchez
Tue 10/28	1-1:50	Lecture 11	Status asthmaticus (including Special Populations) Pharmacotherapy	Pinal
	2-2:50	Lecture 12	HAP/VAP (including Special Populations) Pharmacotherapy	Medlin
Wed 10/29	1-1:50	Lecture 13	HAP/VAP (including Special Populations) Pharmacotherapy	Medlin
	2-2:50	Lecture 14	Complicated SSTIs (necrotizing soft tissue infections & diabetic foot infections) Pharmacotherapy	Campillo Terrazas
Thu 10/30	1-1:50	Lecture 15	Week 2 Quiz	
	2-2:50	Lecture 16	Complicated SSTIs (necrotizing soft tissue infections & diabetic foot infections) Pharmacotherapy	Campillo Terrazas
Week 3				
Mon 11/3	1-1:50	Lecture 17	Osteomyelitis and prosthetic joint infections Pharmacotherapy	Campillo Terrazas
	2-2:50	Lecture 18	Osteomyelitis and prosthetic joint infections Pharmacotherapy	Campillo Terrazas
Tue 11/4	1-1:50	Lecture 17	Bloodstream and Catheter Infections Pharmacotherapy / IE Part 1	Medlin
	2-2:50	Lecture 18	Infective Endocarditis Part 2 & Dental Prophylaxis Pharmacotherapy	Medlin
Wed 11/5	1-1:50	Lecture 19	Clostridioides difficile infection Pharmacotherapy	Medlin
	2-2:50	Lecture 20	Clostridioides difficile infection Pharmacotherapy	Medlin
Thu 11/6	1-1:50	Lecture 21	Week 3 Quiz	
	2-2:50	Lecture 22	Application Activity - Jeopardy Review	Medlin
Week 4 - Midterm				
Mon 11/10	1-1:50	Lecture 23	Midterm Exam	
	2-2:50	Lecture 24		
Tue 11/11	1-1:50	Lecture 25	TB Pathophysiology & Pharmacology	Campillo Terrazas
	2-2:50	Lecture 26	TB Pharmacotherapy	Campillo Terrazas

Wed 11/12	1-1:50	Lecture 27	TB Med Chem	Weston
	2-2:50	Lecture 28	TB & Hepatitis Review - "Application Activity"	Campillo Terrazas
Thu 11/13	1-1:50	Lecture 29	Week 4 Quiz	
	2-2:50	Lecture 30	Viral Hepatitis (A, B, C) Medicinal Chemistry	Weston
Week 5				
Mon 11/17	1-1:50	Lecture 31	Viral Hepatitis (A, B, C) Pharmacology	Sanchez
	2-2:50	Lecture 32	Viral Hepatitis (A, B, C) Pharmacotherapy	Sanchez
Tue 11/18	1-1:50	Lecture 31	Antifungal Agents (Med Chem and Pharmacology)	Ortiz
	2-2:50	Lecture 32	Fungal infections, invasive (endemic fungus, cryptococcosis, aspergillosis, hematogenous candidiasis, mucormycosis)	Ortiz
Wed 11/19	1-1:50	Lecture 34	Fungal infections, invasive (endemic fungus, cryptococcosis, aspergillosis, hematogenous candidiasis, mucormycosis)	Ortiz
	2-2:50	Lecture 35	Intra-abdominal infections Pharmacotherapy	Ortiz
Thu 11/20	1-1:50	Lecture 33	Week 5 Quiz	
	2-2:50	Lecture 36	HIV Medicinal Chemistry	Weston
Week 6				
Mon 11/24	1-1:50	Lecture 37	HIV Pathophysiology	Sanchez
	2-2:50	Lecture 38	HIV Pharmacology	Sanchez
Tue 11/25	1-1:50	Lecture 39	HIV Pharmacotherapy	Sanchez
	2-2:50	Lecture 40	HIV PEP & PrEP Pharmacotherapy	Sanchez
Wed 11/26	1-1:50	Lecture 41	HIV Complications and Opportunistic Infections Pharmacotherapy	Sanchez
	2-2:50	Lecture 42	Activity Hour - HIV Team-Based Learning/Review Session	Sanchez
Thu 11/27	No Class: Thanksgiving Holiday			
Week 7				
Mon 12/1	1-1:50	Lecture 43	Week 6 Quiz	
	2-2:50	Lecture 44	CNS Infections (meningitis, encephalitis, brain abscess) Pharmacotherapy	Medlin
Tue 12/2	1-1:50	Lecture 43	Antimicrobial prophylaxis in surgery and other procedures Pharmacotherapy	Medlin
	2-2:50	Lecture 44	Viral infections (varicella, cytomegalovirus, herpes simplex, measles, mumps, rabies)	Campillo Terrazas
Wed 12/3	1-1:50	Lecture 45	GI Infections (infectious diarrhea, enterotoxigenic poisonings)	Medlin
	2-2:50	Lecture 46	cUTI inpatient	Campillo Terrazas
Thu 12/4	1-1:50	Lecture 47	Team-Based Learning/Review Session	Campillo Terrazas
	2-2:50	Lecture 48	Team-Based Learning/Review Session	Campillo Terrazas
Week 8 - Finals Week				
Thu 12/11/2024	Comprehensive Final Exam 3:00-5:45pm CABL 211			

Quiz Topic Overview

Week 1 Oct 20 - Oct 23	Quiz 1	Topics
	NEW: 4 topics	1. Bugs and Drug 2. Antibiotic Resistance 3. Aminoglycosides Dosing 4. Vancomycin Dosing
Week 2 Oct 27 - Oct 30	Quiz 2	Topics
	NEW: 5 topics	5. Cystic Fibrosis 6. COPD Exacerbation 7. Status Asthmaticus 8. HAP/VAP 9. Complicated SSTI
	Review	1. Bugs and Drug 2. Antibiotic Resistance 3. Aminoglycosides Dosing 4. Vancomycin Dosing
Week 3 Nov 3 - Nov 6	Quiz 3	Topics
	NEW: 5 topics	9. Complicated SSTI 10. OM 11. BSI 12. IE 13. CDI
	Review	5. Cystic Fibrosis 6. COPD Exacerbation 7. Status Asthmaticus 8. HAP/VAP 9. Complicated SSTI

Week 4	Midterm Nov 10 1-2:50pm	<i>Weeks 1 through 22 *Excluding Application Activity Total: 20 lecture hours</i>
Week 4 Nov 10 - Nov 13	Quiz 4	Topics
	NEW: 2 topic	14. Tuberculosis 15. TB Med Chem
Week 5 Nov 17 - Nov 20	Quiz 5	Topics
	New: 5 topics	16. Viral Hepatitis 17. Viral Hepatitis Med Chem 18. Antifungal agents 19. Fungal infections 20. Intra-abdominal Infections
	Review	14. Tuberculosis 15. TB Med Chem
Week 6 Nov 24 - Nov 27	No Quiz	
Week 7 Dec 1 - Dec 4	Quiz 6	Topics
	NEW: 4 topics	24. HIV Med Chem 25. HIV 26. PEP and PrEP 27. HIV OI
	Review	14. Tuberculosis 15. TB Med Chem 16. Viral Hepatitis 17. Viral Hepatitis Med Chem 18. Antifungal agents 19. Fungal infections 20. Intra-abdominal Infections

Week 8	Final Exam Dec 11 3-5:45pm	Lectures 25 through 44 <i>*Excluding Application Activity</i> <i>Total: 20 lecture hours</i>
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