



School of Pharmacy
Required Course Syllabus Fall – P3
PHAR 6168/ Track: ISBP Practical Application Laboratory IIIA
August 22 – December 2, 2022
Mondays 10:00am – 11:30am Campbell Rm # 211
IPPE hours: 6hrs/IPE Hours: 3hrs

Course Coordinator

Vicki Howe, PharmD, BCPS Clinical Assistant Professor	
Office Room Number: Campbell 713 Office Phone: (915) 747-8270 E-mail: vlhowe@utep.edu	OFFICE HOURS: Mondays 3-4pm @ Dr. Howe's office or by appointment

Faculty	Title	Office	Contact	Office Hours
Emily J. Christenberry, PharmD, BCPS	Clinical Assistant Professor	CABL 514	ejchristenberry@utep.edu 915-747-5675	Provided in Blackboard®
Christopher G. Medlin, PharmD	Clinical Assistant Professor	CABL 704	cgmedlin@utep.edu 915-747-8551	Provided in Blackboard®
Vicki Howe, PharmD, BCPS	Clinical Assistant Professor	CABL 713	vlhowe@utep.edu 915-747-8270	Provided in Blackboard®
Margie Padilla, PharmD	Clinical Professor	CABL 702	meperez@utep.edu 915-747-8532	Provided in Blackboard

Additional Faculty	Title	Office	Contact	Office Hours
Dr. Cristina Ortega, PharmD	<i>IPPE Coordinator</i>	CABL 705	caortega2@utep.edu 915-747-8183	Provided in Blackboard®

Biographical sketches of course faculty can be found on the following UTEP website:

<http://www.utep.edu/pharmacy/people/faculty.html>

Office Hours Statement:

The coordinator will post office hours and accommodate all students as time permits. Students may request an appointment with the coordinator in person or via e-mail, through the Blackboard® course email. Individual guest faculty should provide office hours during lecture days. All appointments should be made at least 2 business days in advance. Any virtual Office Hours will be synchronous through a UTEP-approved platform (e.g., Microsoft Teams, Blackboard, or Zoom) and will be used to discuss problematic exam questions and any course logistic problems.

The course coordinator will try to respond as soon as possible (generally within 24-48 hours). When sending an email, send through the Blackboard® course email or place the course number and name PHAR 6168 PALS IIIA and the issue/topic in the subject line of the email. For individual faculty, please email faculty for their online office hours.

Course Description

The Practical Applications Lab is a 1-semester credit course for P3 pharmacy students. It is comprised of an 80-minute laboratory session each week. This course aligns with the pharmacotherapy course content while considering therapeutic concepts in acute care settings. Through written and practical exams, students will demonstrate a thorough knowledge of anatomy, physiology and common patient examination techniques.



Pharmacists' Patient Care Process (PPCP): This course will help students utilize the concepts of pathophysiology, pharmacology, and therapeutics to be able to **collect and assess** patient information using safe and effective assessment skills (past medical history, current medications, Physical assessment) of various disease states. Further students will work with patients to plan and implement a **self-care plan**. Students will be able to use the PPCP to **communicate** information about assessment findings and self-care education to patients.

Course Objectives:

At the conclusion of this course, students shall be expected to:

- Collect, record, and assess subjective and objective patient data to define health and medication-related problems
- Identify the patient care process (collect, assess, plan, implement and follow-up)
- Apply mathematical principles (e.g., accurately perform dose calculations, kinetics) in pharmacy practice
- Demonstrate commitment to and valuing of patient safety by assuring accurate preparation, labeling, dispensing, and distribution of prescriptions and medication orders
- Evaluate how the unique characteristics of patients and patient populations impact on manifestations of drug-related problems
- Evaluate a medication profile to identify medication allergies, appropriate doses and patient instructions, duplicate medications, and clinically relevant drug interactions
- Identify and prioritize a patient's drug-related problems

Course Learning Objectives (Mapped to National Pharmacy Education Outcomes):

OBJECTIVE	CAPE OUTCOMES	PCOA	NAPLEX	LEARNING ACTIVITIES	ASSESSMENT
Collect, record, and assess subjective and objective patient data to define health and medication-related problems	2.1, 3.1, 3.6	4.6	1.1, 1.2, 1.4	Readings, videos, online simulation, live simulation and application, podcast	Worksheets, online quizzes
Identify the patient care process (collect, assess, plan, implement and follow-up)	2.1	4.6.1			
Demonstrate the patient care process and its role in assessment	2.1, 2.3, 3.2	4.6.1			
Apply mathematical principles (e.g., accurately perform dose calculations, kinetics) in pharmacy practice	1.1, 2.1, 2.2	2.5, 4.3	4.2, 4.3, 4.7		
Demonstrate commitment to and valuing of patient safety by assuring accurate preparation, labeling, dispensing, and distribution of prescriptions and medication orders	2.1, 2.2	2.7, 3.10	1.7, 3.5, 5.4		
Evaluate how the unique characteristics of	1.1, 2.1,	2.6, 4.7			

patients and patient populations impact on manifestations of drug-related problems	2.4				
Evaluate a patient's medication profile to identify medication allergies, appropriate doses and patient instructions, duplicate medications, and clinically relevant drug interactions	1.1, 2.1	2.6, 4.1, 4.7	3.3, 6.2		
Identify and prioritize a patient's drug-related problems	1.1, 2.1, 2.4	2.6, 4.7			
IPPE Objectives					
Analyze information to determine the effects of medication therapy, identify medication -related problems, and prioritize health-related needs. (EPA 2)					Simulation
Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s), and other health professionals that is evidence-based and cost-effective. (EPA 3)					
Collaborate as a member of an interprofessional team (EPA 7)					
Oversee the pharmacy operations for an assigned work shift (EPA 14)					

Interprofessional Practice and Education (IPE)

An IPE activity has been assigned to this course. At the completion of the IPE activity, students should be able to:

1. Identify the patient care process (collect, assess, plan, implement and follow-up) in the Interprofessional experience
2. Articulate the values & ethics that support Interprofessional practice
3. Engage in effective Interprofessional communication
4. Honor Interprofessional roles & responsibilities
5. Form interdependent relationships with other professions while acting professionally

The Center for the Advancement of Pharmacy Education (CAPE) has defined educational outcomes to guide the PharmD curriculum (see AACP CAPE Outcomes weblink). The content of this activity will cover the following CAPE educational outcomes.

Level of Assessment: 1 – Introduce 2 – Reinforce 3 – Apply

	CAPE Outcomes	Level of Assessment
3.4	Interprofessional collaboration (Collaborator) Actively participate and engage as a healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs.	1

3.6	Communication (Communicator) Effectively communicate verbally and nonverbally when interacting with an individual, group, or organization.	1
4.4	Professionalism (Professional) Exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society.	1
PCOA		
3.8.2	Communication abilities with other health care providers	1
NAPLEX		
1.4.2	Techniques for effective communication/documentation of the development, implementation, and assessment of individualized treatment plans to interdisciplinary health care providers.	1, 2

Students will be given the opportunity to interact with medical learners in an environment that introduces a disease-based case. This event will be **Face to Face (or Virtual with ongoing pandemic changes)** and held in conjunction with Burrell College of Osteopathic Medicine and UTEP School of Nursing.

Additional / Detailed Course Meetings & Location

- Class: Mondays 10:00am – 11:30am CABL # 211
- Hospital IPPE: UTEP Simulation Lab – Refer to CORE ELMS for Schedule
- IPE: UTEP Simulation Lab – Refer to course calendar/Blackboard®

In a major disruption (e.g., H1N1 epidemic, subzero weather), be prepared to maintain course progress via other means (e.g., Internet, our Blackboard course shell, etc.) and check your email (especially your UTEP miners account) regularly.

Online Platform (Blackboard and CoreElms):

This semester the course will be taught using Blackboard as the primary learning management system.

Accessing Course Content on Blackboard: All lectures, handouts, and course material will be located in Blackboard. *All experiential education materials (e.g., worksheets) will be located in CoreELMS®.* Log into My UTEP.edu and click on the Blackboard link to access the online course for PALS PHAR 6168. The course is individualized, and students may access lectures/handouts as they are made available by course instructors. Except in cases of a UTEP network being “down” or “offline” you are ultimately responsible to ensure that your computer is connected to the internet and that any issues are addressed prior to class and/or assessments.

Methods of Instruction/Learning

The learning outcomes in this course will be achieved via:

- In class lectures
- Outside preparation Students may be expected to complete weekly assignments to assist in preparation and/or formative assessment of the practical skills checks. Weekly assignments may be in one of the following formats:
 1. Pre-recorded/In class lectures

2. Online/In-Class worksheets, labs, and activities

- **Team Assignments/Activities**
- **Case Discussions /SOAP Notes/Documentation** – provides practice opportunities for course ability outcomes and allows students to practice evaluating and assessing patient cases, make therapeutic recommendations and document patient interactions.
- **Quizzes** – allows students to demonstrate the course ability outcomes and instructors to provide necessary feedback.
- **Interprofessional Education and Introductory Pharmacy Practice Experiences** - provides simulated and/or real-world pharmacy practice experiences

Required Course Technology/Tools/Needs

Required Textbook Resources:

- None

Required Online Resources:

- EHR GO®: provides an online, comprehensive, customizable, and realistic simulated electronic medical record (EMR).
 - You will receive an activation code at the beginning of the school year (from Mr. Adrian Enriquez) to re-activate your account. You will be able to use the same email/password as last year.
 - No additional account purchase required.
 - To Log on: <https://web21.ehrgo.com/auth/login>

Laptop Computer

- Students are expected to bring laptop computers to the class each day for participation in on-line exercises or assessments. It is the responsibility of the students to make sure that the laptops are in working condition and meets the University and School of Pharmacy IT requirements (See SOP Student Handbook).
- Audio (speaker & microphone) and video (camera) MUST be checked to be functional for classes and online exams.
- Students will be required to share their screen, camera, and audio with classmates/faculty for online course learning

Calculator

- Students are expected to bring a non-programmable calculator to class and to all assessment activities.

Software/Technology must be tested in orientation/first week of courses to ensure functionality.

- ExamSoft® Exam Monitor
- Microsoft® Teams or UTEP Zoom®
- Blackboard® Respondus Lockdown
- CoreELMS® for Experiential Learning
- Audio (speaker & microphone) and video (camera) MUST be checked to be functional for classes and online exams

Attendance

Attendance is mandatory. It is expected that students should demonstrate their commitment to the profession and respect for faculty, guest speakers, and colleagues by attending all classes and arriving to class on time prepared for the day's lesson(s). Tardiness will be assessed by laboratory course coordinators/instructors through the use of in-class assignments (quizzes, activities, polls, etc.) at the beginning of each lab session. It is the responsibility of

students to be on time and prepared for class in order to receive credit for the day's assignments. Any discrepancies in attendance must be addressed with the course coordinator no later than 24 hours from the contested date. Ultimately, it is the responsibility of students to monitor their attendance throughout each week of the semester. Attendance will be verified by the course coordinator/instructors using various means, however, if a student is caught falsifying or aiding others in falsifying attendance records, a Student Professionalism Report will be filed and forwarded to OSSCR.

Unexcused absences will lead to receipt of a zero for any lab assignments related to the missed week. For excused absences, course coordinators and instructors reserve the right to not provide makeup assignments, however may be evaluated on a case-by-case basis.

Classroom/Online Etiquette

Students are expected to be professionals and will be treated as such unless circumstances deem otherwise. Any behavior that impairs student ability to learn will not be tolerated (e.g., side conversation, cell phone use, electronic device use for activities not related to coursework). Students engaging in disruptive or unprofessional behavior will be removed from class and will not receive points for that week's assignments. Laptops may be used during class for taking notes. Using laptops for other activities than taking notes causes a disruption to the class around you.

If ONLINE: Your instructors and classmates want to generate a safe online learning environment. Please use appropriate online classroom behavior.

Expectations of Students During Course

It is the responsibility of the **student** to monitor their progress during the course and see that they are maintaining the required competency level. Students should seek advice and assistance from the course facilitator as soon as they encounter any difficulty in the course.

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 Student Handbook. For any simulated patient environments and formal presentations professional dress will be required and will be communicated to students by course coordinators in advance.

Evaluation and Grading Policy

Course point distribution will be as follows:

Type of Assessment	% Course Grade
Weekly lab Assignments/Quizzes (100 points/week) - lowest week score will drop	100%
Syllabus, IPPE, IPE acknowledgements**	Pass/Fail
IPPE**	Pass/Fail
IPE**	Pass/Fail
Total **Students MUST pass to pass the course.	100%

Assignment of grades:

A = 90 – 100%

B = 80 – 89%

C = 70 – 79%

D = 60-69% F = < 60%

**Point earned/percentage may not be rounded-up;* All late submissions will be subject to a deduction of 10% for each day it is late for up to five working days beginning from the time that it is due.

IPPE/IPE Grade: Students must pass Didactic and Experiential (IPPE / IPE) components (for example: paperwork, hour documentation, etc) of the course to pass the course. If a student fails to pass the components, they fail the course and must follow UTEP School of Pharmacy remediation policy.

It is the responsibility of the **student** to monitor his/her progress during the course and see that he/she is maintaining the required competency level. Students should seek advice and assistance from the course facilitator as soon as he/she encounters any difficulty in the course.

Quizzes/Assignments/Case studies: All quizzes/assignments are worth a total of 100% of the course content.

Questions Related to the Course and Grading/Exams

MATERIAL: In general, questions related to the overall course should be directed to the coordinator. **Content/topic-specific questions** should be directed to the content instructor within **five (5) business days** of the material being presented.

ASSIGNMENTS/EXAMS: Any questions concerning **assignments/exam grades** should be discussed with the **course coordinator within five (5) business days** after the grades have been posted.

REGRADE REQUEST: Regrade requests for assignments or exams should be made within five (5) **business days** of the posting of the grades. Students must submit reason for regrading along with justification. Requests regarding regrading will not be entertained after this period (unless excused absence due to extenuating circumstances or faculty coordinator).

Missed Quizzes /OSCE/Assignments – Excused/Unexcused Absences

Only students who miss an OSCE, quiz or an assignment due date as a result of an *excused absence* may be allowed to make-up the missed assignment or assessment. Due to the lab nature of the course, course coordinators and instructors reserve the right to NOT provide make up assignments. Students should consult the UTEP School of Pharmacy Student Handbook for definitions and examples of excused absences. Students must follow all procedures outlined in the SOP Student handbook to secure an excused absence.

- The course coordinator **MUST** be notified on the day of the exam for the student to be excused from that exam for an emergency.
- In the case of religious holidays, the student **MUST** notify the course coordinator 10 business days prior to the exam. Students should not assume that they can miss an exam for vacation or other personal conflicts.
- Any unexcused absence from any simulation event will result in a grade of zero for that simulation.
- Any unexcused absence from an IPPE will result in a failure of the course in accordance to the Student Handbook.
- Any unexcused absence from an IPE will result in a failure of the course

Remediation Policy

Remediation occurs if a student fails the course. **Students must participate fully in the course to be eligible for remediation.**

General Statement about Course Policy

The syllabus is subject to change to meet course needs, especially if there are unexpected disruptions or changes in class size, resources, etc. The most updated syllabus can be found on the course Blackboard shell. It is the student's responsibility to review the syllabus periodically for updates.

UTEP and SOP Policy for Academic Integrity

Any student who commits an act of academic dishonesty is subject to discipline (which could include failure of course or dismissal from School of Pharmacy). Please refer to the Student Handbook for SOP guidance on academic integrity (*see Student Handbook - Table of Contents for Curriculum and Classroom Policies: Academic Integrity*).

Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designed to give unfair advantage to a student or the attempt to commit such acts.

Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP), and available in the Office of the Dean of Students and on the homepage of the Dean of Students at www.utep.edu/dos, may result in sanctions ranging from disciplinary probation to a failing grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others. (For more information, see: <https://www.utep.edu/student-affairs/osccr/student-conduct/academic-integrity.html>)

Cell Phones

Students should carry cell phones, but keep the phone on the vibrate mode in the event students need to be notified by the emergency alert system. Disruptive cell phone use for the purpose of texting, email or social media is not permitted. This use is disruptive to fellow classmates, faculty and the learning environment. The use of a cell phone or the ringing of the phone in class is considered unprofessional behavior. No cellphones, calculators, laptops or other items may be used during an assessment (e.g., exam or a quiz) unless specifically as part of that assessment and approved by the faculty member/instructor.