



School of Pharmacy - Required Syllabus
Spring P2

PHAR 6267 (2 hrs) / Track: ISBP

Practical Application Laboratory IIB

Thursdays 1-4 pm, Jan 17-May 5, 2023 / Finals: May 8-12, 2023

IN-PERSON Lab CRN: 24346 (211)

IPE: 2 / IPPE: 7 hours

Depending on COVID precautions, syllabus & calendar updates may occur during the semester

Primary Course Coordinator & Faculty

Jeri Sias, PharmD, MPH, Clin Prof
Office Rm 714
Office: 915-747-8599 / jsias@utep.edu
Tues/Wed 2:30-3:20 pm
Or by appointment

Course Faculty (and IPE coordinator)

Margie E. Padilla, PharmD, CDE, BCACP, Clin Assoc Prof
Office Rm 702
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Virtual Office Hours: TBD
Or by appointment

Additional Faculty	Title	Contact	Office Hours
Michelle Martinez, MD, MPH	Instructor	pmmartinez2@utep.edu CABL 601	Provided in Blackboard®
Cristina Ortega, PharmD	IPPE Coordinator	caortega2@utep.edu 747-8183 / CABL 705	Provided in Blackboard®
Vicki L. Howe, PharmD	Hospital Simulation	vlhowe@utep.edu CABL 713	Provided in Blackboard®
Emily Christenberry, PharmD	Antibiogram Activity	ejchristenberry@utep.edu	--

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. Individual guest faculty should provide office hours during lecture days. While faculty will work to be available, it is recommend for appointments to be made at least 2 business days in advance

If Virtual

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 (e.g., PHAR 6267 PALS IIB and the issue/topic in the subject line of the email). For individual faculty, please email faculty for their online office hours.

Communication: 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 and the issue/topic in the subject line of the email.

Course Sequencing

This course builds on the Fall P2 course PHAR 6266 Practical Application Lab IIA.

Course Description

ISBP Practical Application Lab IIB aligns with ISBP IIB. It follows an integrated body-system approach to physical assessment, self-care, and point-of-care devices. Students will demonstrate a thorough knowledge of anatomy, physiology and common patient examination techniques.

The Practical Applications Lab is a 2-semester credit course for P2 pharmacy students. It is comprised of a 3-hour laboratory session each week (based on 1.5 lab hours per credit hour) that builds on material from the PHAR 6266. This course aligns with the pharmacotherapy course content while integrating nonprescription medication, complementary and integrative health, patient assessment skills, relevant calculations and point-of-care devices. Through written and practical exams, students will demonstrate a knowledge of anatomy, physiology and common patient examination techniques while providing recommendations for common self-care/OTC and complementary alternative/integrative medicine (CAIM) therapies.



Pharmacists' Patient Care Process
<http://pharmacylibrary.com/doi/book/10.21019/9781582122564>

Pharmacists' Patient Care Process (PPCP): This course will help students utilize the concepts of communication, pathophysiology, pharmacology, and therapeutics to be able to **collect and assess** patient information using safe and effective assessment skills (e.g., Past medical history, Current medications, Physical assessment, Point-of-Care) 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.

The course coordinator may adapt the syllabus/course calendar to support student and course success.

Introductory Pharmacy Practice Experience (IPPE)

- *IPPE hours and activities have been assigned to this course coordinated by Dr. Cristina Ortega (Office of Experiential Education). Students will be responsible to complete up to a total of **seven (7) IPPE hours** (2 for OSCE-like class activities, 3 for Simulated Hospital Day, 2 for IPE).*
- *To guide this experience, students will complete a checklist/activity documenting the achievement of each learning objective. Specific information regarding these elements will be available to students in the Blackboard Course and CORE ELMS as appropriate.*

The course coordinator may adapt the syllabus/course calendar to support student and course success.

Course Learning Objectives mapped to National Pharmacy Education Outcomes

Level of Assessment: (I) Introduce, (R) Reinforce, (A) Apply

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

- Apply the Pharmacist's Patient Care Process (collect, assess, plan, implement and follow-up) to patient assessment & self-care
- Demonstrate the skills needed to perform, differentiate and accurately record common patient assessment findings in the clinical environment using physical exam and point-of care
- Describe the normal anatomy of the major body systems covered in class
- Demonstrate knowledge and understanding of nonprescription medications, herbals, and supplements
- Identify and assess drug-related therapy problems related to nonprescription medications, herbals, and supplements
- Perform accurate pharmaceutical calculations and apply to pharmacy practice

Above objectives will align when possible with the ISBP and Integrated Skills Lab sequences.

Course Objectives	CAPE Outcomes	PCOA	NAPLEX (2021)	Learning Activities	Assessment Measures	Level of Assessment
<p>By the end of the semester, students should be able to...</p> <ul style="list-style-type: none"> Apply the Pharmacist's Patient Care Process (collect, assess, plan, implement and follow-up) to patient assessment & self-care Demonstrate the skills needed to perform, differentiate and accurately record common patient assessment findings in the clinical environment using physical exam and point-of care Describe the normal anatomy of the major body systems covered in class Demonstrate knowledge and understanding of nonprescription medications, herbals, and supplements Identify and assess drug-related therapy problems related to nonprescription medications, herbals, and supplements Perform accurate pharmaceutical calculations and apply to pharmacy practice 	<p>2.1 Patient-centered care (Caregiver)</p>	<p>4.5.1 Recognize the proper use of nonpharmacologic therapies, including complementary and alternative medicines</p> <p>4.6.4 Interpret common clinical laboratory values and <u>diagnostic tests</u> relevant to Self-Care</p>	<p>1.1 – From instruments, screening tools, laboratory, genomic or genetic information, or diagnostic findings</p> <p>1.2 – From patients: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background</p> <p>1.3 – From practitioners: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background</p> <p>1.4 – From medical records: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background</p>	<ul style="list-style-type: none"> Weekly Readings, Cases, Powerpoints Online simulation, Live simulation and application, Video clips Breakout discussions Simulated counseling 	<p>Online quizzes Shadow Health Written / practical exam</p> <p><i>Hands-on assessments with point of care devices, nonprescription therapies</i></p>	I,R
	<p>2.1 Patient-centered care (Caregiver)</p> <p>2.3 Health & wellness (Promoter)</p> <p>3.2 Educator (Educator)</p>	<p>4.6.1 Describe techniques for obtaining a comprehensive patient history</p> <p>4.6.2 Describe how to perform patient physical assessments: inspection, palpation, percussion, auscultation</p> <p>4.6.5 Perform calculations related to patient assessment (e.g., A1c – Blood glucose)</p> <p>4.6.6. Describe the use of OTC point-of-care testing devices: glucometers, pregnancy tests, home testing for HbA1c, drug screening</p>	<p>2.2 – Commercial availability; prescription or non-prescription status; brand, generic, or biosimilar names; physical descriptions; or how supplied</p> <p>2.4 – Pregnancy or lactation</p> <p>3.1 – Triage or medical referral</p> <p>3.4 – Drug dosing or dosing adjustments; duration of therapy</p> <p>3.5 – Drug route of administration, dosage forms, or delivery systems</p> <p>3.6 – Drug contraindications, allergies, or precautions</p> <p>3.7 – Adverse drug effects, toxicology, or overdose</p> <p>3.8 – Drug interactions</p> <p>3.9 – Therapeutic monitoring parameters, monitoring techniques, monitoring tools, or monitoring frequency</p> <p>3.12 – Non-drug therapy: lifestyle, self-care, first-aid, complementary and alternative medicine, or medical equipment</p>	<ul style="list-style-type: none"> Weekly Readings, Cases, Powerpoints Online simulation, Live simulation and application, Video clips Breakout discussions Simulated counseling 	<p><i>Exercise, Mid-Term & Final</i></p> <p><i>Practical Exams on simulated patients</i></p> <p><i>Hands-on assessments with point of care devices, nonprescription therapies</i></p>	R, A
	<p>3.6 Communication (Communicator)</p>	<p>4.6.3 Differentiate between normal physical assessment findings and modifications caused by common disease states & drug therapy</p>	<p>5.5 – Instructions or techniques for drug administration</p> <p>5.6 – Packaging, storage, handling, or disposal</p>	<ul style="list-style-type: none"> Weekly Readings, Cases, Powerpoints Online simulation, Live simulation and application, Video clips Simulated counseling 	<p><i>Quizzes, Written or Practical Exams</i></p> <p><i>Counseling Sessions</i></p>	R,A

Additional / Detailed Course Meetings & Location

See Blackboard course shell for content outline for updates

The course is a 2-credit hour laboratory and experiential-based course. The course will have mixture of lecture, lab, and experiential activity and will take place **ON CAMPUS** and may be supplemented virtually with a mixture of synchronous (live) and asynchronous (recorded) using the Blackboard® Collaborate feature on Blackboard®. The lab course is scheduled for **3 hours Thursdays and is supplemented with experiential activities**. Students should expect lectures, writing assignments, online discussion board, and group projects. Updates will be announced on Blackboard®. Some lectures (Dependent upon speaker) may be recorded and posted the next business day for students' availability.

Classes will usually be held face-to-face with the potential for some labs to be hybrid (either synchronously or asynchronous).

Every effort will be made to post lecture/lab material by Monday before Noon (12pm) for each week. Due to the experiential nature of the course, the labs may not be recorded. Exams (computer-based or practical) that are synchronous will be held at the posted lecture time as outlined in the course calendar. Exams (computer-based or practical) will be held on dates provided in the course calendar until otherwise stated.

This course is connected to one or more of the following areas:

IPPE: Introductory Pharmacy Practice Experiences (IPPEs) that are incorporated within didactic classes will require mandatory attendance. This class has up to a total of **7 IPPE hours** that the student completes. The IPPE component of the class is pass/fail.

Interprofessional Practice and Education (IPE): An IPE activity has been assigned to this course.

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:

This semester the course will be taught using Blackboard as the primary learning management system. **Accessing Course Content on Blackboard and Live (Synchronous) Online Classes:** All lectures, handouts, and course material will be located in Blackboard. Classes, which will occur in a synchronous way using the Blackboard Collaborate feature, will be also accessed through Blackboard. Log into My UTEP.edu and click on the Blackboard link to access the online course **[PHAR 6267]**. 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” students 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.

Online Assessment Requirements:

This course requires the use of ExamSoft® (or CORE ELMS®). Students are responsible for creating their online login within the first week of class. It is the student's responsibility to maintain access to a reliable internet connection (with the rare exception of when UTEP's systems are down).

Weekly quizzes and other assignments will often be administered in Blackboard.

NOTE: IPPE - All experiential education materials (e.g. worksheets) will be located in CoreELMS®

Methods of Instruction/Learning

UTEP or SoP may change to primarily online course if major disruption (e.g., pandemic, weather). For tips on succeeding in an online environment, see: <https://www.utep.edu/extendeduniversity/utepconnect/blog/february-2017/tips-for-online-learning-success.html>.

The course coordinator may adapt the syllabus/course calendar to support student and course success.

Students will generally see the following methods employed to engage learning. However, it is incumbent on the student to take an ACTIVE role in their learning and preparation.

DUE Wednesday, 11:59 pm prior to lab:

- Quiz reviewing previous week's material and previewing materials for upcoming lab
- Pre-Lab Worksheets/Lectures may be posted. If posted, students are expected to have ALREADY reviewed the material and be familiar with the content/chapters as prior reading

THURSDAY LAB:

- Students should have chapters, algorithms, and worksheets referenced in pre-lab lectures ready to use and apply in this application lab
- Students must be ready to participate and use materials provided in every lab.
- A popquiz may be given at beginning of lab, ending of lab or both to assess knowledge/attendance

WEEK Between LABS:

- Complete home assignments (for example: Glucometer, formulary activities, worksheets) as provided

The learning outcomes in this course will be achieved via:

- **Weekly Active Participation- MAY adjust for COVID or other precautions**
 1. Synchronous sessions: Participate face-to-face on Thursdays for **lab and/or case discussions**.
 - Complete pre-quizzes or pre-assignment, if applicable
 2. Asynchronous sessions: **NOT usual – only as needed** Participate in assigned blogs or activities.
 - Must participate in discussion or when called on (if online, MUST be able to participate with camera and audio shared)

*If the course is required to move online virtual, ALTERNATIVES will be made available for TECHNOLOGY issues or Excused absence. Alternative grading assignment are not available for UNEXCUSED absence. Examples may include submit a worksheet or a **5-10 minute video** (via YUJA – instructions in Blackboard®) summarizing weekly learning points.*

- **Weekly Assessments (may take the form of 1 or more of following):**
 1. **Quizzes:**
 - All assigned pre-class quizzes are due by **WEDNESDAYS (11.59pm)** unless otherwise posted
 2. **Skills Checks / Connector labs**– allows students to demonstrate the course content via simulation for patient assessment, counseling, calculations, or other skills for practical applications
 3. **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.
- **Outside preparation** Students will be expected to complete weekly assignments to assist in preparation and/or formative assessment of the written and practical exams/skills checks. Weekly assignments will be in one of the following formats:

1. Textbook readings/Slide lectures: provides student material/background to concepts/skills
 2. Videos: provides students to observe techniques related to patient assessment, counseling or the patient interview process
 3. Online/In-Class worksheets, labs, and activities: provides opportunities to review baseline knowledge and develop/practice self-care counseling, point of care, calculations, and patient assessment skills.
 4. Peer-to-Peer assessment: demonstrating formative understanding of how to perform a patient assessment, counseling, calculation, and/or other skill/procedure
- **Exams/Practicals** – allows students to demonstrate the course ability outcomes and instructors to provide necessary feedback.
 1. Final Exam will occur during regulary schedule class session (Exam Soft)
 2. Practical exams allow for students to demonstrate competency development and/or master of skills related to course
 - **Introductory Pharmacy Practice Experiences** - provides simulated and/or real-world pharmacy practice experiences

Required Course Technology/Tools/Needs

Required Textbooks:

- Jones, Rhonda M. Patient Assessment in Pharmacy Practice. 3rd ed. Wolters Kluwer. 2015.
- Eds. Krinsky DL, Berardi RR. Handbook of Nonprescription Drugs, 20th edition (online). UTEP Library. American Pharmacists Association. 2020.
- USP Herbal Medicines Compendium (Online). UTEP Library.
- Herbal Safety (UTEP Website): <http://www.herbalsafety.utep.edu>

Required Online Platforms:

EHR GO®: provides an online, comprehensive, customizable, and realistic simulated electronic medical record (EMR). Updated information about use of EHR Go® would be provided in Blackboard.

- You will receive an invite at the beginning of school to create your account.
- No additional account purchase required.
- To Log on: <https://web21.ehrgo.com/auth/login>

Optional Textbooks:

- Bickley, L. Bates' Guide to Physical Examination and History Taking, 12th ed., Philadelphia: J.B. Lippincott, 2016.
- Bates' Pocket Gide to Physical Examination and History Taking

Required Equipment:

- ****Glucometer, #25 test strips**, Lancing device, lancets, alcohol swabs** - Estimated \$25
 - NOTE: The SoP has a limited supply of glucometers & strips and may be able to checkout in class. Student do NOT share lancing devices... They need to purchase own.
 - Details to be discussed in class
- 3M Littmann Master Classic II 27" Stethoscope or Classic III™ 27" Stethoscope
- Manual blood pressure cuff
- Pen light (1)

Optional Equipment:

- Reflex Hammer

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 PRIOR to online classes/exams to be functional for classes and online exams.**
- Students should be ready at any time to share their camera, audio, screen with classmates/faculty for course learning. Repeated/consistent problems should be addressed with technology support and if not resolved may result in deduction in weekly course participation (-1% of course grade up to a letter grade (-10%))
- UTEP or SoP may change to primarily online course if major disruption (e.g., pandemic, weather). For tips on succeeding in an online environment, see: <https://www.utep.edu/extendeduniversity/utepconnect/blog/february-2017/tips-for-online-learning-success.html>.

Calculator

- Students are expected to bring a non-programmable calculator to class and to all assessment activities. Some exams (e.g., ExamSoft®) may use the software calculator.

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

- **Blackboard® Collaborate: Chrome Browser with Respondus Lockdown Browser**
- **Microsoft® Teams** or UTEP Zoom®
- **IPPE: CoreELMS®** for Experiential Learning
- **ExamSoft® Exam Monitor**
- Audio (speaker & microphone) and video (camera) MUST be checked to be functional for classes and online exams (when appropriate)

Attendance

The attendance policy for the School of Pharmacy is outlined in the Student Handbook. It is expected that students should demonstrate their commitment to the profession and respect for faculty, guest speakers, and colleagues by attending all sessions and arriving to class on time prepared for the day's lesson(s) and/or logging into sessions on time. **Further student participation in lab should support learning of classmates (that is, not inhibit or disrupt/distract learning of classmates)**

On-Campus Sessions: Attendance for on-campus labs are required. Arriving on time (e.g., temperature reading), prepared (e.g., BP cuff, stethoscope, penlight, etc.), and adhering to dress codes (e.g., appropriate attire, face mask) to live session are expected as a sign of professional behavior. **To check attendance, a pop-quiz may be administered (at the beginning of class AND/OR at the end of class or both) at the discretion of the lab instructor (no points awarded, but 5% of total course grade (25 points) may be deducted from final course grade for each missed lab). Even if a student has attended part of class, if not present during pop-quiz, the student will be counted as absent.**

If a student has an excused absence, they should immediately notify the course coordinator(s) and instructor(s) **(***IPPEs*** also contact preceptor and Clinical Coordinator and carbon copy the Director of Experiential Education)**. To secure approval for an absence related to travel for professional meetings or for events that fall outside of the criteria outlined in the Student Handbook, please refer to the Handbook for more information regarding required documentation for submission to the Office of Student Affairs. **ALTERNATIVE ASSIGNMENT for excused & unexcused absences MUST be made up with only excused absences receiving course points (see GRADING NOTES).**

Who to contact/how document absence: **Dr Jeri Sias (primary course coordinator) via Blackboard® email at jjias@utep.edu** (as well as Mrs. Ramos in the Office of Student Affairs for excused absences).

Out of class preparation: Students are expected to review weekly Blackboard postings and announcements for information about readings and course preparation.

In class participation: Students should plan for synchronous (live) participation in the course during the course hours. Some classes will occur asynchronously and efforts will be made to post to Blackboard at least five (5) days in advance. Student attendance will be monitored by Blackboard® Collaborate.

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). 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.

ONLINE: Your instructors and classmates want to generate a safe online learning environment. Please use appropriate online classroom behavior by reading the UTEP Netiquette Guide for Online Courses available at https://www.utep.edu/extendeduniversity/cid/_Files/docs/faculty-resources/student-orientation/NetiquetteGuideforOnlineCourses.

Expectations of Students During Course

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

Time commitment: As a lab course, students are in lab for approximately 3 hours per week in addition to experiential (IPPE/IPE) activities. Student course preparation/homework load may average approximately 4-6 hours/week (2-3 hours for every course credit hour). **Any missed labs (excused or unexcused) must be made up and may include time up to 3 hours at a community pharmacy (not during work or IPPE hours), a video assignment, a written assignment, or other activity deemed appropriate by the instructor. It is the responsibility of the student to contact the course coordinator immediately to evaluate the appropriate activity and to make up the missed lab time within 5 business days of absence.**

Unique Dress Policy for Course

On-campus: When a lab is designated for PHYSICAL ASSESSMENT, students are required to attend lab in the following attire: conservative tank top, long shorts/work-out clothing, and easy to remove shoes/flip flops. Sweat pants and long-sleeve shirts may be worn when you are not being examined. **Failure to present to lab in the correct attire will be treated as an unexcused absence.** Students who are not able to meet dress code must request in writing to the instructor for consideration for the duration of the course. This request must be presented to Dr. Sias prior to the first class session. *Due to COVID-19 restrictions on campus, please refers below (COVID-19) for additional information.*

Personal Protective Equipment (PPE): As a lab simulating a patient care environment, **students are required to wear a face mask/covering at all times while laboratory sessions are taking place and to practice proper hygiene and cleaning practices to take care of devices/supplies.** Students must maintain appropriate laboratory conduct. As students enter or exit campus, minimize the number of encounters with others to avoid infection by the SARS-CoV-2. Use preventive safety and health measures at all times until informed otherwise by campus officials.

Skills Check: Students will be required to be professionally dress (scrubs okay under white coat) and white lab coat must be worn.

IPPE Dress Policy

- At all times during the IPPE and/or IPE , students are expected to follow OEE policies, including the dress policy, and maintain professionalism. Refer to the OEE handbook for details.
- Additionally, while at IPPEs, students are always expected to carry with them their Texas State Board Intern Card. Students must always have readily available electronically on CORE ELMS® the following: Unexpired BLS CPR Card, HIPAA Training Certificate, Bloodborne Pathogen, etc. Refer to OEE Handbook for a complete list. Failure to exhibit credentials will result in the student being asked to leave the pharmacy site. Eligibility to return to site is determined by the preceptor and the Experiential Education Director.

COVID-19 Precautions

**If the course meets on campus during the semester, then all CURRENT public health precautions/measures should be taken. For up-to-date UTEP policies, please see: <https://www.utep.edu/resuming-campus-operations/?home>

Evaluation and Grading Policy

Students will build on concepts from the Fall course-PHAR 6266 Practical Application IIA. While there will may not be dedicated class time for review, students will be expected to know proper technique for Blood Pressure, Heart Rate, and Respirations. Course faculty will be available to provide guidance and review of concepts. Open labs will be scheduled to provide students with an opportunity to work with materials for review.

All sessions are designed to be on-campus (Face-to-Face). Any missed lab, skills check, and/or exam **must be made up within one week (5 business days)** or on designated make-up dates. Students who have an **excused absence** and are not able to complete the exam/assessments on campus **will receive an “Incomplete”** for the course and will be expected to complete the lab requirements (per “Incomplete” policies at UTEP SoP) on campus after the semester.

Course point distribution will be as follows:

Type of Assessment	Total Points	% Course Grade
NON-EXAM BASED GRADES		
Pre-Lab Weekly Quizzes (10-15 points each), In Class Assignments, Homework	200	40%
Pop Quizzes (no points awarded, 25 point deduction if absent)	0	0%
SKILLS-BASED Competency Checks/Assessments (1-2 assessments) (one Diabetes, one at Final)	100	20%
EXAM-BASED GRADES		
Midterm Computer-Based	100	20%
Final Computer-Based	100	20%
EXPERIENTIAL-BASED GRADES		
IPPE	Pass/Fail	Pass/Fail
IPE (2 hours – linked to IPPE)	Pass/Fail	Pass/Fail
Total	500	100%

*Students must earn at least 70% on the PRACTICAL portion (SKILLS-BASED) competencies to pass the course. All lab assignments/counseling must be completed regardless of excused or unexcused.

ALTERNATIVE ASSIGNMENT for excused & unexcused absences **MUST** be made up- **but only excused** will receive 25 points back to their grade and get graded credit for assignments turned in within 5 business days (prior to next lab). If

students miss more than two (2) labs excused or unexcused, they are subject to receiving a FAIL for the course. **Unexcused absences receive attendance deduction and a 0 for any in-lab assignments for the week.** Failure to dress appropriately for lab may also result in full attendance deduction.

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*

IF VIRTUAL: Repeated/consistent problems with audio/camera should be addressed with technology support and if not resolved may result in deduction in weekly course participation (-1% of course grade up to a letter grade (-10%))

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.

Midterm & Final exams will be administered via ExamSoft®, unless noted otherwise.

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.

Exams: The written exams may include any material prior to exam and will be delivered on campus.

Quizzes/Assignments/Case studies: Assigned on weekly basis to support learning and problem-solving

Skills check: Skills check will be graded using a rubric (or similar evaluation tool) that is provided during lab and will be assessed on campus in a simulated environment

Introductory Pharmacy Practice Experiences:

All IPPE activities (record hours (two one hr simulation, three hours site, complete and upload the immunization worksheet into CORE ELMS®, must be completed in its entirety by communicated due dates.

Students must arrange their own transportation to their IPPEs. Students must dress professionally while on an IPPE. Students should refer to the Office of Experiential Handbook for specific policy details.

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).

EXAM-RELATED Technology and Guidance

Please refer to the UTEP School of Pharmacy Student Handbook for guidance for exams (online/remote as well as on campus)

Online Assessment Requirements:

Quizzes will be assessed using Blackboard®. **This course requires the use of ExamSoft® Monitor.** Students are responsible for creating their online login within the first week of class. It is the student's responsibility to maintain access to a reliable internet connection (with the rare exception of when UTEP's systems are down).

If students cannot access your online account, please contact **Adrian Enriquez (aealonso@utep.edu)**, to resolve this issue **within five (5) business days of the first day of class.** Students are responsible for ensuring they have access to the online assessment system. Mr. Enriquez is **NOT available** for questions or laptop failures/requests **after business hours or on weekends.**

Electronic exams that need to be **downloaded should occur at a minimum of 2 hours prior to the examination** as outlined in the UTEP Student Handbook guidance for exams.

Missed Quizzes / Exams / Assignments – Excused/Unexcused Absences

Only students who miss an exam, quiz or an assignment due date as a result of *an excused absence* will be allowed to make-up the missed assignment or assessment. Students should consult the UTEP School of Pharmacy Student Handbook for definitions and examples of excused absences.

- 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/assessment. Students should not assume that they can miss an exam for vacation or other personal conflicts.
- Any excused absence from an exam for health reasons must be documented with a note from an appropriate health professional.
- **Unexcused absences receive a deduction (see grading) and a 0 for any in-lab assignments for the week.**
- **Any unexcused absence from an exam or skills check will result in a grade of zero for that assessment**
- **Any unexcused absence from an IPPE will result in a failure of the course in accordance to the Student Handbook.**

The course coordinator will determine the time and date for a make-up exam, which will occur before the final exam period. If the student is unable to attend either the original exam or the make-up exam, the course coordinator is not required to provide additional opportunities for the student make-up exam. The format of the make-up examination is at the discretion of the course coordinator, and may include any question type including, but not limited to, open-ended questions, an essay examination, or oral examinations.

Remediation Policy

See UTEP SOP common syllabi

Course Evaluation

See UTEP SOP common syllabi

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.

See UTEP SOP common syllabi



PHAR 6267: Patient Application Lab IIB
Course Calendar and Topic Outline (*Subject to adjustment) UPDATED 1.18.2023
 Thurs 1-4 pm, Jan 17-May 5, 2023 / Finals: May 8-12, 2023
OPEN LABS will be SCHEDULED for review session periodically AFTER class

Week	QUIZ Assignment	Topic (OTC, Complementary and Integrative Health - Workstations)	Primary Facilitator Lab Coordinators
1-15	IPPE Document	IPPE (~2 hrs) OTC Q&A / Pt Assess Practice in Community Pharmacies or clinic)	Ortega (coordinate)
1 Thu, Jan 19	11:59 pm Fri, Jan 20 (Syllabus Acknowledge)	Syllabi Review & Endocrine POC/Device POC: Glucometers Intro / Formulary assignment Intro Stds of Care CHECKLIST Diabetes Supportive Care (Eyes, Mouth, Feet) + Ears NonRx/Self Care Oral Health-Dental Care, Cold Sores, Fluoride / <u>Vision Health:</u> Moisturizing agents, Contacts, Eye ointments/drops counseling <u>EAR Health:</u> Swimmer’s Ear, Debrox®, Ear drops counseling <u>Foot Care</u> (warts corns)	Sias / Padilla / Martinez/Resident NonRx Hdbk: Ch 28-29 (Ophth, Contacts), Ch 31(Oral Hygiene), Ch 30 (Otic), Ch 43 (Warts), Ch 44 (Minor Foot Disorders)
2 Thu, Jan 26	11:59 pm Wed, Jan 25 QUIZ #2	Endocrine- Part 1: Diabetes Devices & POC: Insulin Meds & Devices: Syringes & Pens Hypoglycemia Response: Glucometers Part 2: - Pt Assess LAB Diabetic Foot Exam (Inspect, Palpate-pulse, monofilament & vibratory) & Foot Care Education Introduction of Case for Week 3 (ISL & PALS)	Sias/Martinez/Resident Live Lab Component: Patient Assessment Attire (SANDALS – Foot evaluation)
3 Thu, Feb 2	11:59 pm,C Wed, Feb 1 QUIZ #3	DIABETES Skills Competency #1 (Connector Lab) – Students assigned rooms Insulin Pen Counseling & Medication counseling Hypoglycemia Counseling, Foot care Counseling (OTC counseling)	Sias/Padilla/Martinez/Resident Jones: Ch 20 (Endocrine) p. 395-6
4 Thu, Feb 9	11:59 pm, Wed, Feb 8 QUIZ #4	GLUCOMETER Assign Due - Women’s & Men’s Health - NonRx/Self Care Pt Assess: Self-Examination – Breast / Prostate / Self-Care / CAIM: Vaginal Conditions, Menstrual disorders, Menopause, Osteoporosis, Prostate	Sias / Padilla / Martinez (Resident) Jones: Ch 21 (Male)/Ch 22 (Female) NonRx: Ch 8-9(Vag/Menstr)
5 Thu, Feb 16		IPPE BLOCK #1 (No regular lab class)	IPPE hours due (Weeks 8-15)
6 Thu, Feb 23	11:59 pm, Wed, Feb 15 QUIZ #5	Reproductive & Sexual Health NonRx/Self Care and POC/Device PoC overview (Sensitivity/Specificity) Point of Care: Contraception & Pregnancy Tests, Male / Female Condoms COUNSELING: PLAN B * CONTRACEPTION counseling & Missed dose	Sias & Martinez (Resident) NonRx Hdbk: Ch 10: Pregnancy & STIs
7 Thu, Mar 2	Mini-Pharmacy – Part A DUE 11:59 pm, Wed, Mar 2 QUIZ #6	Musculoskeletal: NonRx/Self Care Self-Care: Pain, Osteoarthritis, Topical, Osteoporosis First Aid: Sprains, Ice/Heat – RICE Calculations: PAIN MEDS: IBU, APAP, Naproxen (Sias) (COUNSELING) Open Lab Review for Midterm Station-Based Computer Exam	Sias/Martinez (Resident) NonRx Hdbk: Ch 7 (Musculoskeletal Injuries & Disorders) Lab Review (30 minutes after class)
8 Thu, Mar 9		Block 1-2:45 pm Midterm Computer Based / Box Cases (Remaining hour- IPPE Block #2)	Sias / Martinez
SPRING BREAK			
9 Thu, Mar 23	11:59 pm, Wed, Mar 22	1-2:30 pm PoC overview (Sensitivity/Specificity) – follow-up POC Infection: (Throat, Nasal, Oral, Blood), Rapid Strep & COVID, Urinalysis, HIV Fever: Thermometers & Fever Response (IBU, APAP) (As time permits) Calculations: Pediatric Antibx Dosing: Amoxicillin / TMP-SMX 2:30-4 pm Infectious Diseases: Antibrogram	Sias & Martinez + Resident NonRx Hdbk: Ch 6 – Fever / Jones: Ch 5 (Vital Signs) /Ch 10 (Head & Neck-Lymph) Christenberry (Antibiogram)
10 Thu, Mar 30	11:59 pm, Wed, Mar 29 QUIZ #7	(may continue from Week 9) Rm 211 - Musculoskeletal System & Cranial Nerve Exam Pt Assess LAB – LAB ATTIRE & Assistive Mobility Pt. Assessment: ROM, Strength Assistive Devices for Mobility (Physical Therapy –pending)	Padilla, Sias & Martinez + Resident Jones TEXT–Ch 17 (Musculoskel System) Ch 18 (Cranial Nerve Exam)
11 Thu, Apr 6	11:59 pm, Wed, Apr 5 QUIZ #8	Rm 211- Dermatology: Pt Assessment: Descriptions (e.g., macular, papular) First Aid: Burns/Sunburn / Insect Bites / Repellants (COUNSELING)	Sias & Martinez + Resident Jones: Ch 8 (Skin/Hair/Nails) NonRx Hdbk: Ch 37 (Insects) Ch 41(Minor Burns/Wounds)
12 Thu, Apr 13	11:59 pm, Wed, Apr 12 QUIZ #9	Rm 211- Dermatology (Continued): NonRx/Self Care NonRx/Self Care/CAIM: Dermatitis (Atopic, Contact, Diaper) and Hemorrhoids Topical Corticosteroid use (COUNSELING)	Sias & Martinez + Resident NonRx Hdbk: Ch 17 (Hemorrhoids) Ch 33, 35-36 (Dermatitis)

13 Thu, Apr 20	11:59 pm, Wed, Apr 19 QUIZ #10	Rm 211- Dermatology (Continued): <u>NonRx/Self Care</u> <u>NonRx/Self Care/CAM/Herbal</u> : Fungal-ringworm, Scaly Dermatitis Lice, Acne, Hair Loss (COUNSELING)	Sias & Martinez + Resident NonRx Hdbk: Ch 17 (Hemorrhoids) Ch 42 (Ringworm), Ch 34: Scaly Derm/ Ch 38, 45(Acne, Hair Loss)
14 Thu, Apr 27	11:59 pm, Wed, Apr 26 QUIZ #11	Rm 211- Psych / Substance Abuse: <u>Pt Assessment LAB/NonRx/Self Care</u> <u>Depression Assess (PHQ-9, Anxiety) Alcohol: CAGE Score / Naloxone</u> <u>Smoking: Fagerstrom / Nicotine products / E-Cig (COUNSELING)</u>	Sias & Martinez + Resident NonRx Hdbk: Ch 47 (Tobacco)-Review Lab Review (30 minutes after class)
15 May 4	11:59 pm Wed, May 4 Mini-Pharmacy Part B Due	Hospital Simulation	HOWE IPPE hours due
Finals WEEK	Tue, May 10	Block: 12:30-5 pm (4.5 hours) – Actual exam time ~ 2.5 hours FINAL: SKILLS Counseling Practical with Algorithms + Written/Computer Exam <i>(Estimated: 70% new material, 10-20% Spring semester comprehensive</i> <i>+ PRACTICAL SKILLS - Applied Algorithm & Patient Education questions)</i>	Sias/Padilla / Ortega/Martinez/Resident

*Calendar subject to updates