



## School of Pharmacy - Required Syllabus - Spring P2

**PHAR 6267 (2 hrs) / Track: ISBP**

### Practical Application Laboratory IIB

Campbell Building – Basement Class (B-32)

Thursdays 1-3:50 pm, Jan 22-May 9, 2019 / Finals: May 13-17, 2019

(IPE: 0 / IPPE: 9 hours – 2 SIM/Exam and 7 hours Site)

#### Primary Course Coordinator

Jeri Sias, PharmD, MPH, Clin Prof

Office Rm 714

Office: 915-747-8599 / [jisias@utep.edu](mailto:jisias@utep.edu)

**Office Hours: Tues 4-4:45 pm/Wed 2:30-3:15 pm**

Or by appointment

#### Co-Coordinator

Margie E. Padilla, PharmD, CDE, BCACP, Clin Assoc Prof

Office Rm 702

Office: 915-747-8532 / [meperez@utep.edu](mailto:meperez@utep.edu)

**Office Hours: Fri 8:15-9 am**

Or by appointment

Additional Faculty	Title	Contact	Office Hours
Vickie Howe, PharmD, BCPS	IPPE Coordinator	<a href="mailto:vlhowe@utep.edu">vlhowe@utep.edu</a> / 915-747-8270 CABL 705	By appointment
Sweta Andrews, MBA, BCACP	Shadow Health Clin Assist Prof	<a href="mailto:sandrews@utep.edu">sandrews@utep.edu</a> / 915-747-8183 CABL 713	By appointment

TEACHING Assistants	Title	Office	Contact
Sandra deAnda, PharmD	Clinical Instructor PGY1 Community-Based Resident	CABL 517	<a href="mailto:sdeanda@utep.edu">sdeanda@utep.edu</a>
Shelby Ramion, PharmD	Clinical Instructor PGY1 Community-Based Resident	CABL 517	<a href="mailto:sramion@utep.edu">sramion@utep.edu</a>

#### Course Sequencing:

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

#### Course Description

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 (1.5 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, 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 (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.

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

#### Office Hours

The facilitator will post office hours and will accommodate all students as time permits. Students may request an appointment with the facilitator in person or via e-mail.

**Students are asked to post emails VIA the BLACKBOARD email system.** Faculty Instructors will monitor and respond to these questions as quickly as possible... Further assistance with course related materials or for all other issues, please see the information below to attend or schedule an in-person appointment during office hours.

Guest lecturers will provide office hours based on appointments. Students can request an appointment in person or via e-mail. **All appointments not occurring during regular office hours should be made at least 48 hours in advance.**

### Course Meetings & Location

**Campbell Building Classroom # B-32/ Thursdays, 1-3:50pm** (note: alternative schedules to accommodate IPPEs and IPE experiences will be posted in course calendar or via CORE ELMS® at least 2 weeks in advance when possible).

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:

Accessing Course Content on Blackboard: All lectures, handouts, and course material will be located in Blackboard. Log into My UTEP.edu and click on the Blackboard link to access the online course for PHAR 6266. 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.

### Online Assessment Requirements:

This course requires the use of Blackboard® and ExamSoft® (or CORE ELMS®). Students are responsible for creating their online login within the first week of class. If you cannot access your online account, please contact Dr. Jessica Shenberger ([jmshenberger@utep.edu](mailto:jmshenberger@utep.edu)) to resolve this issue. If you cannot access your online account to CORE ELMS®, please contact Ms. Alma Dominguez ([arsaldana2@utep.edu](mailto:arsaldana2@utep.edu)). Students are responsible for ensuring they have access to the online assessment system. Assessments (e.g., assignments, quizzes, and exams) may be disseminated before the due date. This requires students to download the assessment using an internet connection. 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).

### Introductory Pharmacy Practice Experience (IPPE)

IPPE hours and activities have been assigned to this course. Students will be responsible to complete a total of **9 hours as part of this course (7 site, 2 Simulation/Exam)**. The IPPE requirements of the course (e.g. site assignments) will be coordinated by Dr. Vicki Howe with guidance from the Office of Experiential Education. Updates/Assignments will be found in Blackboard® with times communicated via CORE ELMS.

To guide this experience, students may complete a checklist/activity documenting the achievement of activity’s learning objective. Specific information regarding these elements will be available to students in the Blackboard Course and CORE ELMS as appropriate.

During the semester, students may select IPPE slot preferences through CORE ELMS, if applicable. Please refer to CORE ELMS for specific dates from which they may select to schedule IPPE hours. Experiential education experiences generally occur outside of class time, including evenings, weekends, and holidays. Also, IPPEs may be available during overnight hours in extenuating circumstances.

At all times during the IPPE, 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 Trainee Letter/Intern Card. Students must always have readily available electronically on CORE ELMS® the following: Unexpired BLS CPR Card, HIPAA Training Certificate, Blood borne 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 Programs Director.

### CAPE Educational Outcomes

The Center for the Advancement of Pharmacy Education (CAPE) has defined educational outcomes to guide the PharmD curriculum (see AACPE CAPE Outcomes [weblink](#)). The content of this course will cover the following CAPE educational outcomes. **Level of Assessment: 1 – Introduce 2 – Reinforce 3 – Apply**

CAPE Outcomes		Level of Assessment
2.1	<b>Patient-centered care (Caregiver)</b> - Provide <i>patient-centered care</i> as the medication expert (collect and interpret evidence, prioritize, formulate assessments and recommendations, implement, monitor and adjust plans, and document activities).	1,2
2.3	<b>Health and wellness (Promoter)</b> - Design prevention, intervention, and educational strategies for individuals and communities to manage chronic disease and improve health and wellness.	1,2
3.2	<b>Educator (Educator)</b> - Educate all audiences by determining the most effective and enduring ways to impart information and assess understanding.	1,2
3.6	<b>Communication (Communicator)</b> -Effectively communicate verbally and nonverbally when interacting with an individual, group, or organization.	1,2
4.4	<b>Professionalism (Professional)</b> -Exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society.	1,2
PCOA Outcomes		
4.5.1	Recognize the proper use of nonpharmacologic therapies, including complementary and alternative medicines	1,2
4.6.1	Describe techniques for obtaining a comprehensive patient history	1,2
4.6.2	Describe how to perform patient physical assessments: inspection, palpation, percussion, auscultation	1,2
4.6.3	Differentiate between normal physical assessment findings and modifications caused by common disease states & drug therapy	1,2
4.6.4	Interpret common clinical laboratory values and <u>diagnostic tests</u> relevant to Self-Care	1,2
4.6.5	Perform calculations related to patient assessment (e.g., A1c – Blood glucose)	1,2
4.6.6	Describe the use of OTC point-of-care testing devices: glucometers, pregnancy tests, home testing for HbA1c, drug screening	1,2

### Course Learning Objectives

OBJECTIVE	CAPE OUTCOMES	PCOA	LEARNING ACTIVITIES	ASSESSMENT
Apply the patient care process (collect, assess, plan, implement and follow-up) to patient assessment and self-care	2.1	4.6.1	<ul style="list-style-type: none"> <li>• Weekly Readings and/or Powerpoints</li> <li>• Online simulation, Live simulation and application,</li> <li>• Video clips</li> </ul>	Online quizzes Shadow Health Written / practical exam
Demonstrate the patient care process and its role in assessment	2.1, 2.3, 3.2	4.6.1		
Differentiate normal from abnormal physical findings for body systems covered in class	3.6	4.6.2; 4.6.3		
Describe the normal physiology of the major body systems covered in class	3.6	4.6.2; 4.6.3		
Accurately record and calculate the results of a physical examination	3.6	4.6.4, 4.6.5		
Demonstrate the skills needed to perform patient assessment in the clinical environment	3.2, 2.6, 4.4	4.6.1, 4.6.2, 4.6.3, 4.6.4, 4.6.5, 4.6.6		
Demonstrate skills needed to performance patient assessment utilizing point of care devices and other assessment tools	2.3	4.6.6		
Demonstrate knowledge and understanding of over-the-counter medications, herbals and supplements, counseling points, and their role in assessment	2.3	2,3.2 4.5.1		

### Expectations of Students During Course

As outlined in the syllabus, each week students are expected to review relevant anatomy and physiology, read assignments prior to class, complete quizzes and online virtual simulation activities, and engage professionally in class / laboratory activities while abiding to professional and academic conduct consistent with a Doctor of Pharmacy. The mandatory laboratory sessions are to be utilized to develop skills for recommending over-the-counter and complementary products while practicing techniques for assessment and point-of-care use.

## Methods of Instruction/Learning

Provide a list of the methods of instruction and/or learning used in the course. Use the following as an example.

*The learning outcomes in this course will be achieved via:*

1. **Outside preparation and Pre-Lab On-line Quiz:** Assignments may be posted to complete in advance of each lab. Advance preparation will help students to review and take advantage of time during lab to learn/retain material.
2. **Short lectures:** Short in-class/online lectures or slides may occur to present / provide orientation to material
3. **In-class worksheets, labs, and activities:** Provides opportunities to review baseline knowledge and develop/practice self-care, point of care, and patient assessment skills.
4. **Combined Written/Practical Exams:** Allows students to demonstrate the course ability outcomes.
5. **Open Lab:** As appropriate, open lab times may be available to allow students time to review materials/concepts.

## Required Course Technology/Tools/Needs

### Required Textbooks/Online Resources:

- Eds. Krinsky DL, Ferreri SP. **Handbook of Nonprescription Drugs, 19<sup>th</sup> edition (online).** UTEP Library. American Pharmacists Association. 2017.
- Jones, Rhonda M. **Patient Assessment in Pharmacy Practice. 3<sup>rd</sup> ed.** Wolters Kluwer. 2015.
- Calculators
- Diagnostic/Screening tool Apps (free)
- **Shadow Health Online© 2018 and Shadow Health Digital Clinical Experience™ (DCE):** Provides a clinical simulation designed to improve your assessment skills in a safe learning environment. You will examine digital patients throughout the course that are accessible online 24/7.
  1. Registration directions: <http://link.shadowhealth.com/How-To-Register>
  2. If you already have a Shadow Health account, you do not need to register for an additional student account. To add a course to your existing account. All you will need to do is to log in to your account and follow the following instructions:
    - a. Click the teal "add a course" button on the top right of your screen.
    - b. Enter Course PIN: **0080-5346-9237-2550**
    - c. If you need additional guidance, please follow these instructions:  
<http://link.shadowhealth.com/How-To-Add-A-Course>

### Optional Textbooks:

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

### Required Equipment:

- 3M Littmann Master Classic II 27" Stethoscope or Classic III™ 27" Stethoscope

### Optional Equipment:

- Blood pressure cuff, Pen lights, 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)

## Course Competency, Evaluation and Grading

Students will build on concepts from PHAR 6266 Practical Application IIA. While there will 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. At least 2 (two) open labs will be scheduled to provide students with an opportunity to work with materials for review.

Course point distribution will be as follows:

Type of Assessment	Total Points	% Course Grade
Midterm Written/Practical Exam – Sim IPPE	150	25%
Final Written/Practical Exam– Sim IPPE	150	25%
Pre-Lab Quizzes/In-class quiz-participation	150	25%
Shadow Health Assignment (2 total)	30	5%
IPPE Assignments (2-3 total)	100	20%
Site IPPE Time with worksheet	Pass/Fail	Pass/Fail
<b>Total</b>	<b>600</b>	<b>100%</b>

\*Need at least 70% on mid-term and final exams to pass the course

**Assignment of grades:**

- A = 90 – 100%**
- B = 80 – 89.99%**
- C = 70 – 79.99%**
- D = 60-69.99%**
- F = < 60%**

*\*Point earned/percentage may not be rounded-up*

All written exams will be administered via ExamSoft®, unless noted otherwise. Portions of the practical exams may be conducted in a simulated pharmacy/clinic setting where students are expected to dress professionally and wear white lab coats.

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.

**WEEKLY ASSIGNMENTS /QUIZZES**

Students will be expected to complete weekly assignments to assist in preparation and/or formative assessment of the written/practical exams. Weekly assignments will be in one of the following formats:

- 1) **PRE-LAB QUIZZES:** Due at **11:59 pm** usually on Wednesdays (the evening prior to class) via Blackboard® (unless otherwise indicated)
  - a. Students will have the opportunity to use notes and re-take the quiz one time. The work on the quiz must represent the students’ own work.
  - b. Weekly quizzes will partially cover material from the previous week and partially cover material for the upcoming week. Student will be able to use readings, class notes, rubrics, powerpoints, videos to assist in completion of the quiz
  - c. Students **MUST** take every pre-lab quiz. However, only the top 10 quizzes will be recorded in the final grade book.
- 2) **IN-CLASS:** During each class, time may be dedicated for in-class activities where students demonstrate formative understanding of how to perform a physical assessment procedure, use a point-of-care device or durable medical equipment, and/or demonstrate use of an over-the-counter/complementary alternative medicine (assessed from range of full understanding (100%) to no understanding (0%)).

### Shadow Health ASSIGNMENTS:

- 1) Students will complete a total of **2** graded assignments on Shadow Health for the Spring Semester (Musculoskeletal and Mental Health). Each Shadow Health assignment is worth 15 points/lab session, and student scores are based on percent obtained on each Shadow Health assessment.
- 2) All Shadow Health assignments are due on the **Wednesday prior to the associated class on or before 11:59 pm.** Refer to the course calendar and Shadow Health section for specific due dates.

### IPPE ASSIGNMENTS:

- 1) There will be a total of 3 site IPPEs (between 2-3 hours each to total 7 hours). Two IPPEs will be scheduled during usual lab time and have associated homework. The third IPPE will be scheduled with Dr. Howe in the OEE.
- 2) Students will complete at least 2 graded IPPE assignments to reinforce material related to Self-Care, OTC products, CAIM, Point-of-Care assessments, and/or Assistive devices often used in pharmacies. While details to the assignment will be provided to students at least 2 weeks in advance, the primary activities include pre-/during-/and post-preparation (see calendar outline for timeframe):
  - a. **OTC/Self-Care formulary** for common agents
  - b. **Point-of-Care/Assistive Devices formulary** of common devices
- 3) Students will be assigned to a health-care site for the IPPEs for the two IPPE slots that are scheduled during the usual lab time.
- 4) Students will be able to select (as coordinated by Dr. Howe) for the third IPPE via CORE ELMS.

### WRITTEN/PRACTICAL EXAMS:

- 1) See “Exam Day” further in syllabus

### Missed Quizzes / Exams / Assignments Policy:

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. **Written/Practical Examination may occur by verbal examination (even if excused absence).** In some cases, the same exam, quiz, and/or assignment may not be feasible and an alternative assignment designated by the course coordinator will be made available. **In-class pop-quizzes** will not be allowed to be made up for students who miss class either for an excused or unexcused absence or who are tardy for class. Students should consult the UTEP School of Pharmacy Student Handbook for definitions and examples of excused absences. **However, generally, students should contact the course coordinator and Mrs. Carmen Ramos, Director of Student Affairs, prior to class to request an excused absence.**

### Course Extra Credit and Deductions:

Students may earn up to 5 points of **extra credit** by completing the “Comprehensive Assessment” available in Shadow Health for students to practice/review concepts from previous labs. This assignment must be completed by **Wednesday, 11:59 pm of Week 14.**

Course **deductions** may occur for the following:

- **DRESS CODE:** Failure to abide with dress code for each activity can result in 10% deduction for course for the day (reflected on weekly quiz)
- **UNEXCUSED ABSENCES:** Students with unexcused absences will not be permitted to make up any exam, quiz, or assignment(s) and will receive a grade of zero. Any unexcused absence will also result in a 10% deduction of the overall course grade.

- **TARDINESS:** Excessive tardiness (> 2 instances) will be reported to the Office of Student Affairs. Any missed work due to tardiness will not be permitted for make-up. Grade deductions proportionate to the time tardy for class will be applied to assignments (i.e. 10% class time missed due to tardiness = 10% grade deduction on the assignment), and the minimum grade penalty for tardiness is a 5% deduction. If class does not include an assignment entry into the classroom after the session has started will be recorded as an unexcused absence for the day; see the above policy for grade reduction related to unexcused absences. Tardiness greater than 15-minutes or an unexcused absence will be counted as a “zero” for the pre-lab quiz for the day missed.
- **ASSIGNMENTS:** Assignments with a scheduled due date and time with submission passed the established date/time requirements will received a **grade penalty of 10% for that assignment**. *Example: Assignment #2 is due Mar 12 at 11:59pm, starting at 12:00 am on Mar 13 a 10% grade penalty will be recorded; on Mar 14 at 12:00 am, a 2<sup>nd</sup> 10% grade penalty will be applied and so forth until zero is reached.*
- **PROFESSIONALISM / ACADEMIC MISCONDUCT:** Any failures to meet professional or academic conduct will be addressed as found in Student Handbook. Failure to complete the necessary assessments and/or schedule a meeting with the designated faculty advisor may result in an incomplete for the course.

### Attendance and Classroom/Lab Behavior

It is expected that students should demonstrate their commitment to the profession and respect for faculty, guest speakers, and colleagues by attending all classes/labs and arriving to class/lab on time prepared for the day’s lesson(s). **Attendance will be recorded with each session.** Students will responsible for the information which may be included on exams.

If you have an excused absence, you should immediately notify the course coordinator and instructor. The doctor’s note or any other form in support of the excused absence should be provided to the course coordinator as soon as possible. There will be one review session before midterm and before final to provide an opportunity for make-up, review, question and answer.

As a required course in a professional curriculum, attendance is required for all lecture and laboratory sessions. Lab instructors will record student attendance for the laboratory sections. Students, regardless of the reason for absence, are still responsible for the material covered and must complete all examinations as scheduled.

**A. Unique Dress Policy for Course:** Students are required to attend **DESIGNATED labs (per course calendar)** 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. **Requests /concerns about dress, privacy, in class testing, content material must be discussed with the course coordinate by Wednesday, 5 pm prior to the 2<sup>nd</sup> day of class.** Students will also be required **to bring stethoscope and professional demeanor** to each class/exam. During exams (unless otherwise noted prior to exam), professional dress and white lab coat must be worn. During combined written/practical exams and IPPEs professional dress and white lab coat must be worn.

### Exam Day Policy

Successful completion of PHR 6267 includes 2 equally weighted examinations. Each exam will have both a written and practical portion. The combined written/practical exam will occur during the regularly scheduled lecture time.

The course coordinator **MUST** be notified on or before the day of the exam for the student to be excused from that exam. Students should not assume they can miss an exam for vacation or other personal conflicts. Any unexcused absence from an exam will result in a grade of zero for that exam. Any excused absence from an exam for health reasons must be documented with a note from an appropriate health professional. A make-up exam should be given within 5 business days of the students return to school. **Make-up for Written/Practical Examination may occur by verbal examination (even if excused absence).** Failure to take the make-up exam will result in a grade of zero for that exam. Failure to take the final exam will result in a grade of F for the course.

### Student Expectations Prior and During Examination

Updates to Examination Procedures will be posted to Blackboard® approximately 5 business days in advance of the exam. Due to the cumulative nature of the course, material regarding vitals (**Heart rate, Respiratory Rate, and Blood Pressures**) may be tested at any examination. The final exam may include material from approximately 20% of the mid-term exam material.

### Combined

1. Seating: Randomized assigned seating will be utilized for each examination unless otherwise arranged.
2. Room: Students must arrive to **room 15 minutes** ahead of examination. Students are not permitted to be in the examination room prior to assigned seating. If the student arrives late to the examination a grade penalty can occur as stipulated by the syllabus. No additional time will be provided for the examination. If another student has already completed his/her exam and left the exam room when an unexcused late student arrival occurs, the late arrival will not be permitted to sit for the exam and will receive a grade of zero.
3. Exams:
  - a. Electronic exams should be downloaded at a **minimum 2 hours prior to the examination**. Repeated instances (> 1 time) of not downloading electronic exams will result in a referral to the professionalism committee on the SOP Progression Committee.
  - b. Students are responsible for having a **charged computer** for electronic exams. Computers are available to check-out as a loan for exams from the ILC, and students should make early arrangements for securing computers. Students who show up without a computer to take an electronic exam will (1) be provided a paper exam, (2) may receive a grade deduction as stipulated in the course syllabus, and (3) will receive a professionalism referral to the SOP Progression Committee.
  - c. If ExamSoft® is not used, then specific instructions for examination will be provided to the students approximately 1 week prior to the exam.
4. Availability of items during exam
  - a. 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 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.

- b. 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.
- c. No food or drink allowed
- d. No non-laptop electronic devices (for example: watches, phones, calculators) 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.
- e. Disruption of examination time due to an electronic device can result in a grade penalty as stipulated in the syllabus.
- f. 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.

### **Remediation Policies**

Please refer to the Student Handbook for end-of-course remediation policies and timelines (*see Table of Contents for End of Course Remediation*).

### **Technical Assistance**

#### **Shadow Health Technical Support:**

Contact Shadow Health with any questions or technical issues regarding Shadow Health before contacting your instructor.

Support is available at <http://support.shadowhealth.com>

#### **Advanced Technical Support Hours**

Mon - Fri 9:00 AM - 9:00 PM ET

Sat - Sun 12:00 PM - 9:00 PM ET

Call or Email assistance:

- Toll Free:800-860-3241
- [support@shadowhealth.com](mailto:support@shadowhealth.com)

Login page: <http://app.shadowhealth.com>

#### **Technical requirements**

1. Review requirements: <http://link.shadowhealth.com/Minimum-System-Specifications>
2. Tablets and mobile devices are currently not supported.

#### **To use Speech-to-Text, you must complete assignments in Google Chrome.**

If students are off campus, they may need to set up a Virtual Private Network (VPN) in their computer to access UTEP resources for this class (i.e. Library). The link below provides information for students to set

up a VPN connection depending on their operating system. Students can contact the Help Desk for assistance (See Technical Assistance information). <http://admin.utep.edu/Default.aspx?tabid=58534>

If students experience technical problems with the course, please contact the UTEP Helpdesk during: M-F: 8AM – 5PM. Calling within UTEP: 915.747.4357. Calling outside UTEP: 915.747.5257. For more information, please visit <http://helpdesk.utep.edu>.

Students can also visit an on-campus lab such as the ATLAS lab located within the Undergraduate Learning Center (UGLC building) for additional technical assistance. So that UTEP can continue to provide a stable learning environment, 12:00-6:00am Mountain Time on Thursdays is reserved for minor preventive maintenance. This maintenance window is scheduled during the lowest usage time for the system. Blackboard may or may not be available during this time, depending on whether maintenance is necessary. Whenever possible, this time will be utilized to perform all minor maintenance. Unscheduled outages occur rarely, but they do happen. In the event of an unscheduled outage, Course Development and Technology Support will confer with Student and Faculty Services to provide appropriate notifications to those affected including faculty, staff and students.

### **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 your responsibility to review the syllabus periodically for updates.

### **UTEP and SOP Policy for Academic Integrity**

See Student Handbook

### **Professionalism and Professional Conduct**

See Student Handbook

### **UTEP and SOP Policy for Special Accommodations (ADA)**

“If you have or suspect a disability and need classroom accommodations, you should contact the Center for Accommodations and Support Services (CASS) at 747-5148.” You can also e-mail the office at [cass@utep.edu](mailto:cass@utep.edu) or go by their office in Union Building East (Room 106). For additional information, visit the CASS website at <http://sa.utep.edu/cass/>

### **ADDITIONAL INFORMATION**

#### **Campus Concealed Carry**

Effective August 1, 2016. <http://sa.utep.edu/campuscarry/>

#### **Civility Statement**

Students are expected to follow basic standards of courtesy (<http://admin.utep.edu/Default.aspx?tabid=73922>) and may be dismissed from class for blatant or sustained disruptive behavior

#### **Cell Phone Policy (Optional for Faculty to adapt or not)**

All cell phones must be turned off before the beginning of the class. If a student forgets to turn it off, he/she will have to leave the classroom and may only return with the instructor’s permission.

## **Student Support**

UTEP provides a variety of resources for those in need (e.g., if you feel overwhelmed, stressed or dealing with a crisis):

- UTEP’s Counseling Center (free counseling to all students): 747-5302, after-hours goes to a crisis line
- Mental Health Crisis Line: 779-1800
- National Suicide Prevention Hotline: 1-800-273-8255
- Veterans Crisis Line: 1-800-273-8255
- NAMI (National Alliance against Mental Illness) of El Paso: 534-5478
- <http://caringeducators.tumblr.com/survival>

## **Title IX**

Title IX of the Education Amendments of 1972 (Title IX), prohibit discrimination on the basis of sex in education programs or activities operated by recipients of Federal financial assistance. Sexual harassment of students, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. Sexual violence refers to physical sexual acts perpetrated against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol. An individual also may be unable to give consent due to an intellectual or other disability. A number of different acts fall into the category of sexual violence, including rape, sexual assault, sexual battery, sexual coercion, stalking, and relationship violence. All such acts of sexual violence are forms of sexual harassment covered under Title IX.

In accordance with Title IX of the Education Amendments of 1972, UTEP does not discriminate on the basis of sex in the operation of its educational programs and activities. This commitment to non-discrimination applies to both employment in and admission to such programs and activities. [Link to full text at <http://admin.utep.edu/Default.aspx?tabid=68750>]



**PHAR 6267: Patient Application Lab IIB**  
**Course Calendar and Topic Outline (Subject to adjustment)**  
**Thurs 1-4 pm, Jan 22-May 9, 2019 / Finals: May 13-17, 2019**

Week	QUIZ Assignment	Topic (OTC, Complementary and Integrative Health - Workstations)	Primary Facilitator Lab Coordinators
1 Jan 22-25	11:59 pm Wed, Jan 23 QUIZ #1	<b>Syllabi Review &amp; Endocrine POC/Device STATIONS</b> <u>Vital Signs / POC: Glucometers / Hypoglycemia Response: Glucose / Insulin Medications &amp; Devices: Syringes &amp; Pens / Shadow Health Assign (open Jan 24)</u>	Sias/Padilla NonRx Hdbk: Blackboard powerpoint based on ADA guidelines and other materials
2 Jan 28-Feb 1	11:59 pm Wed, Jan 30 QUIZ #2	<b>Endocrinology -Diabetes Supportive Care + Ears - NonRx/Self Care STATIONS</b> <u>Oral Health - Dental Care, Cold Sores, Fluoride / Vision Health: Moisturizing agents, Contacts, Allergies / Hearing Health: Swimmer's Ear, Debrox</u>	Sias/Padilla NonRx Hdbk: Ch 28-29 (Ophth, Contacts), Ch 31(Oral Hygiene), Ch 30 (Otic Disorders)
3 Feb 4-8	11:59 pm Wed, Feb 6 QUIZ #3	<b>Endocrinology - Diabetes Supportive Care- Pt Assess LAB – LAB ATTIRE</b> <b>Pt Assessment:</b> Diabetic Foot Exam / Foot Care OPEN Lab Review : DM & Fall HEENT/Throat (Thyroid)	Sias/Padilla Jones: Ch 20 (Endocrine) p. 395-6
4 Feb 11-15	11:59 pm Wed, Feb 13 QUIZ #4	<b>Women's &amp; Men's Health - NonRx/Self Care STATIONS</b> <b>Pt Assess:</b> Self-Examination – Breast / Prostate / <b>Self-Care / CAIM:</b> Vaginal Conditions, Menstrual disorders, Menopause, Osteoporosis, Prostate	Sias/Padilla (Jones: Ch 21 (Male Pt)/Ch 22 (Female Pt) NonRx: Ch 8-9(Vag/Vulvovag, Menstr)
5 Feb 18-22	11:59 pm Wed, Feb 20 QUIZ #5	<b>Reproductive &amp; Sexual Health NonRx/Self Care and POC/Device STATIONS</b> Contraception & Pregnancy Tests Male / Female: Condoms /Lactation Support	Sias/Padilla NonRx Hdbk: Ch 10: Pregnancy & STIs
6 Feb 25-Mar 1	11:59 pm Wed, Feb 27 QUIZ #6	<b>Neuromuscular: NonRx/Self Care STATIONS</b> <u>Self-Care:</u> Pain, Osteoarthritis, Topical <u>First Aid:</u> Sprains, Ice/Heat – RICE	Sias/Padilla NonRx Hdbk: Ch 7 (Musculoskeletal Injuries & Disorders)
7 Mar 4-8	<b>Mid-Term Written/Practical STATION-BASED Exam (Weeks 1-5)</b>		Sias/Padilla + 1 PGY1 Resident
8 Mar 11-15	11:59 pm Wed, Mar 13 QUIZ #7 Shadow Health	<b>Musculoskeletal System Pt Assess LAB – LAB ATTIRE &amp; Assistive Mobility</b> 1 - 2:45 pm Rm B-32 - Pt. Assessment: ROM, Strength 3-4 pm Rm 2 <sup>nd</sup> floor SIM lab- Assistive Devices for Mobility (Crutches, Cane/Walker, Wheelchair)	Sias/Padilla and PT (Pechak) Jones TEXT–Ch 17 (Musculoskel System) Shadow Health
Mar 18-22	<b>SPRING BREAK</b>		
Post-Sprg Brk	IPPE Document	IPPE (~2 hrs) OTC Q&A / Pt Assess Practice in Community Pharmacies or clinic	Howe (coordinate)
9 Mar 25-29 29 <sup>th</sup> no class	11:59 pm Wed, Mar 27 QUIZ #8	<b>Dermatology: NonRx/Self Care STATIONS</b> <u>Pt Assessment:</u> Descriptions (e.g., macular, popular) <u>NonRx/Self Care/CAIM:</u> Dermatitis (Atopic, Contact, Diaper), Scaly Dermatitis	Sias/Padilla NonRx Hdbk: Ch 33-36 (Dermatitis, Scaly Dermatitis)/( Jones) Ch 8(Skin/Hair/Nails)
10 Apr 1-5	11:59 pm Wed, Apr 3 QUIZ #9	<b>Dermatology (Continued): NonRx/Self Care STATIONS</b> Insects/Lice, Acne, Sun-Induced, Hyperpigmentation, Hair Loss, Topical Corticosteroid use, Antibiotic Creams	Sias/Padilla NonRx Hdbk: Ch 37-40 (Insects, Acne, Sun, Hyperpigmen, Hair Loss)
11 Apr 8-12	11:59 pm Wed, Apr 10 QUIZ #10	<b>Dermatology (Continued): NonRx/Self Care STATIONS</b> <u>NonRx/Self Care/CAM/Herbal:</u> Fungal, Warts, Minor Foot Disorders <u>First Aid:</u> Minor Cuts/Abrasions, Burns/Sunburn	Sias/Padilla NonRx:Ch 41(Minor Burns/Wounds) Ch 42-44(Fungal, Warts, Feet)
12 Apr 15-19	11:59 pm Wed, Apr 18 OTC Formulary	<b>OTC IPPE (~2.5 hour)</b> Community Pharmacy OTC Formulary Activity (~8 groups of 5)	Sias/Padilla PGY1 residents
13 Apr 22-26	11:59 pm Thu, Apr 25 POC Activity	<b>Point of Care IPPE (~2.5 hour)</b> Community Pharmacy devices and products (~8 groups of 5)	Sias/Padilla PGY1 residents
14 Apr 29-May 3	11:59 pm Wed, May 1 QUIZ #11 Xtra Crd-Sh Hlth	<b>Infectious Diseases: POC/Device /Pt Assess LAB</b> <b>Fever Self-Care:</b> Thermometers& Fever Response (IBU, APAP) Pt Assess rvw (lymph) / <b>POC Infection Tests:</b> (Throat, Nasal, Oral, Blood) Rapid Strep, Urinalysis, HIV	Sias/Padilla NonRx Hdbk: Ch 6 – Fever/Jones: Ch 5 (Vital Signs) /Ch 10 (Head & Neck-Lymph) Shadow Health
15 May 5-9	11:59 pm Wed, May 8 QUIZ #12 Shadow Health	<b>Psych / Substance Abuse: Pt Assessment LAB/NonRx/Self Care STATIONS</b> <u>Depression Assess / Alcohol:</u> CAGE Score / Naloxone overdose response <u>Smoking:</u> Fagerstrom / CO Monitors / <u>Nicotine products / E-Cig</u>	Sias/Padilla NonRx Hdbk: Ch 47 (Tobacco)-Review
May 13-17	<b>Final Written/Practical STATION-BASED Exam</b>		Sias/Padilla + 1 PGY1 Resident