



School of Pharmacy

Required Course Syllabus

Fall – P2

Course # PHAR 6243/Track: Patient Care Practice Innovation

Pharmacy Informatics, Drug Information, Law IIA

Course Dates (e.g., August 27th – December 3rd 2020)

Scheduled Course Time: Thursdays 1-2:50 pm)

Location: Online through Blackboard Collaborate

IPPE Hours: 12.5

Course Coordinator

Sebastian Perez, Pharm.D.
Office Room Number: CAMP 712
OFFICE HOURS: 3:30- 5:00 PM (M, W, F); or by appointment
Office Phone: (915) 747-8184, Microsoft Teams (will be preferred method of direct voice contact)
E-mail: sebperez@utep.edu

Course Faculty

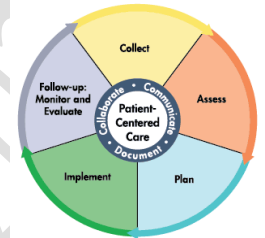
Faculty Lecturers/Facilitators	IPPE (Introductory Pharmacy Practice Experiences) Contact
Natalie Arndt, Pharm.D. Office 503 Email: nnarndt@utep.edu Phone: (915) 747-8557 Office hours: <i>Provided in Blackboard®</i>	Vicki Howe, PharmD, BCPS vlhowe@utep.edu ; 915-747-8270 Office hours: Provided in Blackboard®
Sebastian Perez, Pharm.D. Clinical Assistant Professor Office: CAMP #712 Phone: 915-747-8184 Email: sebperez@utep.edu Office hours: 3:30 pm – 5:00 pm (MWF) or by appointment	
Derek S. Davis RPh, JD Associate Professor of Practice Office: CAMP #513 Phone: 977-897-1555 Email: dsdavis4@utep.edu	

Office Hours Statement:

The course coordinators will host weekly virtual office hours via Blackboard Collaborate Ultra and will accommodate students as time permits. Students may request an appointment with the coordinator or individual faculty via e-mail. **When sending an email, send through the Blackboard® course email or place the course number and name (e.g., PHAR 6243 Drug Information/Law and the issue/topic in the subject line of the email).** Individual guest faculty should provide office hours during lecture days. All appointments should be made at least 2 business days in advance.

Course Description

This course will review health information retrieval and evaluation including critical analysis and application of relevant health sciences literature and other information resources to answer specific patient-care and/or drug-related questions. Utilization of appropriate drug information resources will provide the foundation for evidence-based therapeutic recommendations to healthcare providers and/or the public.



Source: <https://doi.org/10.21019/9781582122564.ch6>

This course also introduces students to effective and secure design and use of technology-based systems, including electronic health records. Appropriate utilization of electronic and technology-based systems will assist in capturing, storing, retrieving, and analyzing data for use in patient care. Additionally, students will review the state and federal legal requirements related to confidentiality when accessing, sharing, utilizing, and/or storing health-related information. The outcomes in this course will provide a foundation for future course work in ISBP, Law, Capstone, Evidence-Based Medicine, and IPPE/APPE rotations. Work within this course will incorporate aspects of the **Pharmacist Patient Care Process** with an emphasis on **collection, assessment, plan, and implementation**

Experiential IPPE:

IPPE hours and activities have been assigned to this course. Students will be responsible to complete a total of 12.5 hours as part of this course (12.5 site & 0 Simulation). 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. 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. Please NOTE: Experiential education experiences generally occur outside of class time which may include evenings, weekends, and/or holidays; additionally, IPPEs may be schedule at other times of the day.

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, 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 Programs Director.

If a student fails to pass the IPPE hours of this course, a grade of “Incomplete” will be allocated until such time as remediation can be scheduled and successfully passed. In the event remediation of IPPE hours results in a failing grade, the student will maintain an “Incomplete” grade in this course and will be forwarded to the Progression Subcommittee for further determination. A final grade cannot be awarded for this class without successfully passing the required IPPE component.

This course is connected to one or more of the following areas: GHC, ISBP, and PCPI

Course Learning Objectives (mapped to national outcomes):

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

1. Drug information
 - a. Describe and compare and contrast the type of content available in various types of information sources
 - b. Evaluate the reliability of various information resources
 - c. Utilize drug information resources to answer drug information questions and solve drug therapy problems
2. Problems Solving and Evidence-Based Medicine
 - a. Describe and utilize a systematic approach to answer a drug information question & resolve a patient's drug therapy related problem
 - i. Identify and define a patient's drug therapy problem
 - ii. Define the goals of therapy
 - iii. Assess the drug therapy and drug information needs of patients and health care providers and apply knowledge of study design and literature analysis and retrieval to provide accurate, evidence-based, patient specific or population-based decisions.
 - iv. Collect accurate and comprehensive drug information from appropriate sources to make informed, evidence-based, patient specific or population-based decisions
 - v. Interpret guidelines as they apply in a clinical setting.
 - vi. Explore multiple solutions by organizing, prioritizing, and defending each possible solution
 - vii. Organize and develop effective responses both verbally and in writing to convey evidence-based recommendations to any drug information question
3. Recognize health-technology systems utilized in various aspects of patient care
4. **Law:** this course has an additional law component. At the conclusion of this course, students shall be expected to:
 - a. Understand and apply knowledge of the Texas Pharmacy Practice Act to the practice of pharmacy
 - b. Develop a working knowledge of generic substitution requirements under Texas and Federal law
 - c. Explain pharmacist, technician and technician trainee qualification and training requirements in the various pharmacy settings
 - d. Understand the pharmacist and pharmacy liability reporting requirements under Texas law
 - e. Gain foundational knowledge of the application and separation of the law and pharmacy ethics concepts
 - f. Develop a substantial foundation for taking and passing the MPJE on the selected topics
5. IPPE: At the completion of the IPPE activity, students should be able to:
 - a. Collect information to identify a patient's medication-related problems and health-related needs (EPA 1)
 - b. Analyze information to determine the effects of medication therapy, identify medication-related problems and prioritize health-related needs (EPA 2)
 - c. Collaborate as a member of an Interprofessional Team (EPA 7)

Course Objectives	CAPE Outcomes	PCOA	NAPLEX	Learning Activities	Assessment Measures	Level of Assessment (I) Introduce (R) Reinforce (A) Apply
Objective 1: Describe and compare and contrast the type of content available in various types of information sources	1.1.5	4.1.2	1.5.1	<ul style="list-style-type: none"> • Readings • Videos • Problem based learning • Live class discussions 	<ul style="list-style-type: none"> • Quizzes • Assignments 	I,R
Objective 2: Evaluate the reliability of various information resources	1.1.5	4.1.2	1.5.1			I,R
Objective 3: Utilize drug information resources to answer drug information questions and solve drug therapy problems	1.1.5, 2.1	4.1.2	1.5.1			I,R
Objective 4: Identify and define a patient's drug therapy problem	3.1.1	4.7	1.1.6			I,R
Objective 5: Define the goals of therapy	3.1.2	4.7	1.3.1			I,R
Objective 6: Assess the drug therapy and drug information needs of patients and health care providers and apply knowledge of study design and literature analysis and retrieval to provide accurate, evidence-based, patient specific or population-based decisions.	1.1.5, 2.1.2, 2.1.3, 2.1.4, , 3.1.1, 3.1.2	4.1, 4.7	1.5.1			I,R
Objective 7: Collect accurate and comprehensive drug information from appropriate sources to make informed, evidence-based, patient specific or population-based decisions	1.1.5, 2.1.4	4.1.2	1.5.1			I,R
Objective 8: Interpret guidelines as they apply in a clinical setting.	1.1.5	4.1	1.5.1			I,R
Objective 9: Explore multiple solutions by organizing, prioritizing, and defending each possible solution	3.1.5	4.7				I,R
Objective 10: Organize and develop effective responses both verbally and in writing to convey evidence-based recommendations to any drug information question	1.1.5, 2.1.4	3.8	1.4			I,R
LAW OBJECTIVES Objective 1: Understand and apply knowledge of the Texas Pharmacy Practice Act to the practice of pharmacy	1.1.1, 2.2.2, 2.2.6, 4.4.3	3.5.1, 3.5.2, 3.5.3, 3.7.2,		<ul style="list-style-type: none"> • Readings 	<ul style="list-style-type: none"> • Quizzes • Exams 	I,R

				<ul style="list-style-type: none"> Live discussions 		
Objective 2: Develop a working knowledge of generic substitution requirements under Texas and Federal law						I,R
Objective 3: Explain pharmacist, technician and technician trainee qualification and training requirements in the various pharmacy settings						I,R
Objective 4: Understand the pharmacist and pharmacy liability reporting requirements under Texas law						I,R
Objective 5: Gain foundational knowledge of the application and separation of the law and pharmacy ethics concepts						I,R
Objective 6: Develop a substantial foundation for taking and passing the MPJE on the selected topics						I,R
IPPE OBJECTIVES: At the complete of the IPPE activity, students should be able to: <ol style="list-style-type: none"> Collect information to identify a patient's medication-related problems and health-related needs (EPA 1) Analyze information to determine the effects of medication therapy, identify medication-related problems and prioritize health-related needs (EPA 2) Collaborate as a member of an Interprofessional Team (EPA 7) 				IPPE	Quiz Skills sign off Field Encounters	A

Additional / Detailed Course Meetings & Location

ISBP IIIA1 will be held completely online and primarily in an asynchronous format. Please check your course Blackboard shell regularly (minimum three times per week) and your email (minimum once daily) to keep updated with course announcements, assignments, and any alterations to the schedule.

Exams will be held remotely on Thursday afternoons from 1-2:50 pm via ExamSoft Monitor.

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 6474. 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.

EHR Go

For IPPE Experiences:

CORE ELMS Online Assessment Requirements:

This course requires the use of CORE ELMS and Blackboard. Students are responsible for ensuring they have access to CORE ELMS before the beginning of the IPPE/APPE. If you cannot access your online CORE ELMS account, please contact Alma Dominguez (arsaldana2@utep.edu) to resolve this issue. 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).

Methods of Instruction/Learning

This semester, the course will be taught primarily online via Blackboard Learning Management System.

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 learning outcomes in this course will be achieved via:

1. Lecture Materials (e.g. pre-recorded videos, mini-lectures, readings)
2. There will be a mix of both synchronous (live) and asynchronous (recordings) deliver of course content; course calendar outlines dates on which those sessions will be.
3. Start times of live sessions are at 1:00 pm and are scheduled until 2:50 pm
4. Quizzes
5. Case Applications (e.g. EHR Go, worksheet)
6. Exams (midterm and final; Law)
7. Introductory Pharmacy Practice Experiences - provides simulated and/or real-world pharmacy practice experiences

Required Course Technology/Tools/Needs

Required Textbooks:

- *Malone, PM, Malone, MJ, Park SK. Eds. Drug Information: A Guide for Pharmacists, 6e, McGraw-Hill. Available in access Pharmacy. <https://0-accesspharmacy-mhmedical-com.lib.utep.edu/content.aspx?bookid=2275§ionid=177196990>. ISBN 978-1-259-83797-5*
- *Cipolle, RJ, Strand LM, Morley PC, eds. Pharmaceutical Care Practice: The Patient-Centered Approach to Medication Management Services, 3e. McGraw-Hill. Available in Access Pharmacy. <https://0-accesspharmacy-mhmedical-com.lib.utep.edu/content.aspx?bookid=491§ionid=39674898> ISBN 978-0-07-175638-9*

Laptop

Students will need access to a laptop with internet and webcam in order to complete weekly assignments and take exams.

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

- ExamSoft® Exam Monitor
- EHR Go
- Blackboard® Collaborate: Chrome Browser
- Microsoft® Teams
- 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

This class will be conducted both synchronously and asynchronously. Students will be notified on the course calendar and via Blackboard Announcements of any **required** in-person class sessions.

Classroom / Online Etiquette

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 his/her progress during the course. Students will have 1 week to complete assignments. Late submissions will **NOT be accepted and students will receive a score of zero (0) for the missing assignment**. Students should seek advice and assistance from the course coordinator as soon as he/she encounters any difficulty in the course.

IPPE-Related Attendance

Experiential education experiences generally occur outside of class time, including evenings, weekends, and holidays. Additionally, IPPEs may be scheduled at other times of the day.

For details about site placement, check Blackboard® For IPPE schedule refer to CoreELMS.

For excused absences impacting associated IPPE, the student must contact preceptor and Clinical Coordinator and carbon copy the Director of Experiential Education. Please refer to the Handbook for more information regarding excused absences and required documentation for submission to the Office of Student Affairs.

Dress Policy for Course

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, 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 Program Director.]

COVID-19:

For IPPE, please check with the practice site policy.

Evaluation and Grading Policy

Course point distribution will be as follows:

Type of Assessment	Type of Assessment	Points	% of Section Grade	% Course Grade
Drug Information/Informatics	Quizzes x 2	[REDACTED]	20%	75%
	Assignments X 8		80%	
	Total DI		100	
Law	Quizzes x 5	500	50	25%
	Midterm	100	20	
	Final (cumulative)	100	30	
	Total Law	700	100	
IPPE		n/a	n/a	Pass/Fail

Assignment of grades:

- A = 90 – 100%**
- B = 80 – 89%**
- C = 70 – 79%**
- D = 60-69%**
- F = < 60%**

*******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.**

All Exams and Quizzes will be administered via ExamSoft®, unless noted otherwise.

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.

Weekly assignments (including quizzes, cases, discussion board postings)

- Law quizzes **due a week after being assigned on Wednesdays by 11:59 pm**
- **Drug Information quizzes and assignments will be due by 12:59 pm every Thursday afternoon just before scheduled class start time**
- Faculty may assign additional case-based or application activities (e.g. discussion board posting, data collection sheet, consult note) during the week. Faculty will detail instructions and the expected “deliverable” in the week’s module in Blackboard. Case-based application activities may require the use of EHR Go. Case-based application activities will be worth a total of 25 points per module.

Exams:

There will be a mid-term and a final exam for the law portion of this course. The exams will consist of true/false, matching, multiple choice, multiple answer (e.g. select all that apply), fill-in-the-blank, and free response/short essay questions. All exams will be administered via ExamSoft®.

IPPE: All IPPE activities (record minimum number of hours, complete medication history training, complete Cerner computer training, complete Competency sign off, complete preceptor evaluation, field encounters) 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

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.

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

Exam-Related Technology and Guidance

Online Assessment Requirements:

This course requires the use of ExamSoft®. Students are responsible for ensuring they have access to the online assessment system. Assessments will 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).

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**.

Important Pre-Exam Procedures:

1. ExamSoft will NOT ask you to do this or walk you through it, but you should do this anyway after your ID is verified, but before you answer question 1.
2. Perform an environmental scan of your testing environment by turning your camera to show your room and desk area.
3. If your camera is part of the laptop/computer, use a mirror to show the camera your screen and keyboard. However, if you are using a stand alone camera, you can use the camera to show your screen and keyboard during your environmental scan, and then use a mirror to show the small around the camera itself. Once you do this, make sure you show that you are putting your mirror out of your line of sight (e.g. under your seat, in your pocket, in a drawer).

Please review the following carefully. Not knowing these rules will not excuse you from penalties that occur as a result of violating these rules.

- It is recommended that you also test your equipment 30 minutes prior to the exam, so that you have time to troubleshoot or find a different computer to use. Please remember to follow ALL pre-exam security procedures and remember that audio and video will be recorded during the exam. Any suspicious behavior will be flagged and reviewed by the coordinator. Evidence of dishonesty may result in a grade of F for the exam and may be referred to UTEP's Office of Student Conduct and Conflict Resolution (OSCCR).
- Please note that you are NOT allowed to bring your own calculator or scratch paper. For remote exams you are required to use the notes and calculator features in ExamSoft. All personal belongings (bags, coats/jackets, drinks/hats/headphones or earplugs/water bottles, smartwatches etc.) must be removed from the testing environment prior to starting the exam. Bathroom breaks are not allowed during the exam. Do not leave the exam room before uploading the exam. Make sure you are ready to sit in front of your computer for the entire duration of the exam.
- Exam takers must begin the exam at the scheduled time. ***If you are unable to take the exam during the assigned time due to an excused absence you must contact the course coordinator PRIOR to the exam and provide documentation to support your excused absence.*** If these steps are not taken and you miss the exam you will not be allowed to make up the exam. You are solely responsible for taking the mock exam and ensuring your computer is ready for the exam come exam time. Trouble getting the exam to work on your computer will NOT constitute an excused absence.
- If you encounter technical difficulties during the exam, contact the Course Coordinator and CC Mr. Adrian Enriquez (aealonso@utep.edu). This shortens the time it will take to get you the technical support you need.
- If your computer freezes during the exam, reboot your computer. This will fix 99% of technical issues. Should you continue to have technical issues before or during an exam please contact ExamSoft support directly at 866-429-8889 or 954-429-8889. Please keep your phone in your pocket in case you need to make this call, please note that this will be THE ONLY TIME you would be allowed to pull out your phone. You will also be required to submit the date and time of the issue and your support ticket confirmation from ExamSoft support to the Course Coordinator after the exam.

Exam Accommodations:

Students who need accommodations for taking exams outside the posted time must submit a written email request to the Course Coordinator explaining why they cannot take the exam at the time of the exam. The request must be prior to the scheduled exam. For unanticipated or emergency absences when advance notification to a course coordinator is not possible, the student should contact the course coordinator as soon as possible by email. When the student is unable to email the course coordinator and is unable to leave word with the because of circumstances beyond the student's control, and in cases of bereavement, the student or the student's representative should contact the Office of the Director of Student Affairs.

Missed Quizzes/Exams/Assignments – Excused/Unexcused Absences

Only students who miss an exam as a result of an **excused absence** will be allowed to make-up the assessment. Since students will have 1 week to complete all other assignments, late or missing submissions will not be accepted. In the event of an emergency, the student should contact the course coordinator and faculty responsible for that week’s material immediately.

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. 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.
- Any unexcused absence from an exam will result in a grade of zero for that exam.
- 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

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

Course Evaluation

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

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. The instructor is required to report all suspected academic dishonesty to the UTEP Office of Student Conduct and Conflict Resolution. Please refer to the Student Handbook for SOP guidance on academic integrity (*see 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>)

Professionalism and Professional Conduct

While enrolled at the University, a student neither loses the rights nor escapes the responsibilities of citizenship. Thus, UTEP and the SOP value professionalism and expect all students to not only acquire but also maintain the highest standards of professional attitudes and behaviors in their interactions with their fellow classmates, staff, faculty, colleagues and their patients, as described in the UTEP School of Pharmacy Student Handbook and as per UTEP's student conduct policies (see <https://www.utep.edu/student-affairs/osccr/student-conduct/index.html/> for further information). Any student who engages in conduct that is prohibited by the Board of Regents' Rules and Regulations, University or SOP rules or by federal, state, or local law is subject to discipline whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct. Please refer to the Student Handbook for specific expectations regarding professional conduct in the SOP (*see Table of Contents for Academic Progression: Good Standing: Professional*).

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. 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.

Technical Assistance

Checking computer requirements and ensuring that all software up to date is essential for students to access course content. **Supported browsers include –**

- 1) **For a PC:** FireFox, Internet Explorer (Do NOT use IE7), and Chrome
- 2) **For a Mac:** Safari, Firefox, and Chrome

To enhance browser performance, students should clear the browser cache and allow pop-ups. In addition to testing the web browser, check to ensure that the computer has an updated version of **Java**

(go to <http://java.com>, click on “Do I have Java”, click on “Verify Java Version,” update Java if needed). Additional browser plug-ins may also be needed to view some content that your instructor may share on the learning management system. Common plug-ins include: **Adobe Reader, Flash Player, Windows Media Player, QuickTime**. When creating documents, slide presentations, spreadsheets, etc., be sure to use Microsoft Office or a compatible program (see 10 Free MS Word Alternatives). The UTEP Technology Support Services (3rd floor, UTEP Library) can also provide students with any applications, compatibility packs, patches, and updates that may be needed.

Students working off campus may need to set up a **Virtual Private Network (VPN)** on their computer to access UTEP resources for this class (i.e., Library). The link below provides information in setting up a VPN connection depending on the operating system. Students may contact the UTEP Help Desk (915-747-HELP) for assistance (or https://www.utep.edu/technologysupport/ServiceCatalog/NET_VPNGlobalProtect.html).

If technical problems are experienced with the course, students should contact the **UTEP Help Desk** during: Monday– Friday: 8AM – 5PM. If calling within UTEP: 915.747.4357. If calling from outside UTEP: 915.747.5257. For more information, please visit <http://helpdesk.utep.edu>. For help with **Blackboard**: https://www.utep.edu/technologysupport/ServiceCatalog/BB_Students.html

In order for UTEP to provide a stable learning environment, Thursdays from 12:00-6:00am MST are 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, Technology Support Services will confer with appropriate student and faculty networks to provide appropriate notifications to those affected.

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. In addition to the various campus computer labs (ATLAS in UGLC or LACIT in Liberal Arts for example), Technology Support Services provides workstations for student use. To learn more, please visit: https://www.utep.edu/technologysupport/ServiceCatalog/BB_Students.html

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 or go by their office in Union Building East (Room 106). For additional information, visit the CASS website at <http://sa.utep.edu/cass/>.

Students must notify the course coordinator by Wednesday, October 23, 2019 if they will be using their accommodations. This is to allow sufficient time for the course coordinator to accommodate alternate exam-taking locations/times or any other accommodations approved by CASS.

Additional Information

Campus Concealed Carry:

Effective August 1, 2016. <https://www.utep.edu/campuscarry/>

Civility Statement:

You are expected to follow basic standards of courtesy (<https://www.utep.edu/student-affairs/dean-of-students-office/community-of-care/index.html>) and may be dismissed from class for blatant or sustained disruptive behavior.

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): **915-747-5302**, which after-hours goes to a crisis line
- Mental Health Crisis Line: 915-779-1800
- National Suicide Prevention Hotline: 1-800-273-8255 / suicidepreventionlifeline.org
- **Veterans Crisis Line: 1-800-273-8255 / www.veteranscrisisline.net**
- NAMI (National Alliance on Mental Illness) of El Paso: 915-534-5478 / <https://namiep.org>
- <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 <https://www.utep.edu/titleix/>]

School of Pharmacy
 Fall – P2
 Course # PHAR 6243 / Track: PCPI / P2 Fall
 Pharmacy Informatics, Drug Information, & Law IIA
 2 credit hours
 Course Dates (e.g., August 27th – December 3rd 2020)
 IPPE:15 hrs/IPE: 0 hrs

	Topic/Learning Objectives	Instructor	Deliverable
Week 1 8/27/2020	<ul style="list-style-type: none"> Course intro Drug Information/Informatics (readings) <ul style="list-style-type: none"> Define what drug information is Define what evidence-based medicine is Outline the steps of the modified systematic approach 	Perez	<ul style="list-style-type: none"> Quiz #1
	Law: <ul style="list-style-type: none"> Chapter B refresher 	Davis	<ul style="list-style-type: none"> Chapter B Quiz
Week 2 9/3/2020	Drug information (READINGS): <ul style="list-style-type: none"> Describe the skills necessary to provide drug information Describe and identify the type of content that is available in tertiary, secondary, and primary information sources Describe and identify the type of content in commonly used drug and medical information resources 	Perez	<ul style="list-style-type: none"> Quiz #2
	Law: <ul style="list-style-type: none"> Intro to Chapter D (reading pgs 1-15 Introduction to Texas Pharmacy Act and TSBP) 30-minute live class 	Davis	<ul style="list-style-type: none"> Readings
Week 3 9/10/2020	Drug information: <ul style="list-style-type: none"> Describe the skills necessary to provide drug information Describe and identify the type of content that is available in tertiary, secondary, and primary information sources Describe and identify the type of content in commonly used drug and medical information resources 80-minute live class 	Perez	<ul style="list-style-type: none"> Information resource/library database activity #1 (worksheet)
	Law: <ul style="list-style-type: none"> Chapter D (pg 15-29; Rulemaking, Pharmacist Licensing and Internship Requirements) 30-minute live class 	Davis	<ul style="list-style-type: none"> Quiz #1
Week 4 9/17/2020	Drug information: <ul style="list-style-type: none"> Collect accurate and comprehensive drug information from appropriate sources to make informed, evidence-based, patient specific or population-based decisions Demonstrate the utilization of drug information resources Evaluate the reliability of various sources of information 80-minute live class 	Perez	<ul style="list-style-type: none"> Information resource/library database activity #2 (worksheet)
	Law: <ul style="list-style-type: none"> Reading Chapter D pgs. 30-45 Intern/Preceptor Duties, Licensing by Reciprocity and CXE 30-minute live class 		<ul style="list-style-type: none"> Readings

Week 5 9/24/2020	Drug Information: <ul style="list-style-type: none"> • Critical Thinking (Systematic approach to DIQ ASK) <ul style="list-style-type: none"> ○ Watch video ○ Identify and define the primary problem <ul style="list-style-type: none"> ▪ Pharmaceutical care ▪ Drug therapy problems • 80-minute live class 	Perez	<ul style="list-style-type: none"> • Worksheet/EHR Go activity #3
	Law: <ul style="list-style-type: none"> • Reading Chapter D pgs. 45-54 Pharmacy Licensing • 30-minute live class 	Davis	Quiz #2
Week 6 10/01/2020	Drug Information: <ul style="list-style-type: none"> • Critical Thinking (Systematic approach to DIQ ASK) <ul style="list-style-type: none"> ○ Assess and identify the drug information needs of patients and health care providers <ul style="list-style-type: none"> ▪ Anatomy of a question ▪ PICO ○ Define the goals of therapy • 80-minute live class • Watch videos 	Perez	<ul style="list-style-type: none"> • Worksheet #4
	Law: <ul style="list-style-type: none"> • Chapter D reading pgs. 56-69 Practices by a License Holder (Pharmacist) • 30-minute live class 	Davis	<ul style="list-style-type: none"> • Quiz #3
Week 7 10/08/2020	Drug Information: <ul style="list-style-type: none"> • Critical Thinking (Systematic approach to DIQ ASK) <ul style="list-style-type: none"> ○ Assess and identify the drug information needs of patients and health care providers <ul style="list-style-type: none"> ▪ Anatomy of a question ▪ PICO ○ Define the goals of therapy • 80 minutes live class 	Perez	<ul style="list-style-type: none"> • Review previous weeks assignment (worksheet #4)
	Law: <ul style="list-style-type: none"> • Chapter D reading pgs. 69-81; Practice by Pharmacy and Administration and Provision of Dangerous Drugs • 30-minute live class 	Davis	<ul style="list-style-type: none"> • Quiz #4
Week 8 10/15/2020	Drug Information: <ul style="list-style-type: none"> • Critical Thinking (Systematic approach to DIQ ASK) <ul style="list-style-type: none"> ○ Assess and identify the drug information needs of patients and health care providers <ul style="list-style-type: none"> ▪ Anatomy of a question ▪ PICO ○ Define the goals of therapy 	Perez	<ul style="list-style-type: none"> • Worksheet #5
	Law: <ul style="list-style-type: none"> • Chapter D reading pgs. 81-99; Aid for Impaired Pharmacists, Pharmacy Technicians, Technician Trainees, and Libability Reporting • 30 minute live class 	Davis	<ul style="list-style-type: none"> • Quiz #5
Week 9 10/22/2020	Systematic approach to DIQ (ACQUIRE) <ul style="list-style-type: none"> • Outline and execute a replicable search for drug and medical information • Collect accurate and comprehensive drug information from appropriate sources to make informed, evidence-based, patient specific or population-based decisions 	Perez	<ul style="list-style-type: none"> • Question creation practice assignment • "literature search" activity

Week 10 10/29/2020		Perez	<ul style="list-style-type: none"> • Question creation assignment • “literature search” activity
Week 11 11/05/2020	Systematic approach to DIQ (Interpretation, Analysis, Inference, and Evaluation of tertiary resources) <ul style="list-style-type: none"> • Identify and describe the general structure and content contained in a clinical practice guideline, medical database, textbook, and a review article • Discuss the elements of assessing the credibility of different types of tertiary resources 	Arndt	<ul style="list-style-type: none"> • TBD
Week 12 11/12/2020		Arndt	<ul style="list-style-type: none"> • TBDn
Week 13 11/19/2020	Systematic approach to DIQ (Interpretation, Analysis, Inference, and Evaluation of tertiary resources) <ul style="list-style-type: none"> • Interpret clinical practice guidelines and other appropriate tertiary resources to the care of a patient 	Arndt	<ul style="list-style-type: none"> • TBD
Week 14 11/26/2020	Thanksgiving		
Week 15 12/03/2020	Systematic approach to DIQ (Interpretation, Analysis, Inference, and Evaluation of tertiary resources) <ul style="list-style-type: none"> • Interpret clinical practice guidelines and other appropriate tertiary resources to the care of a patient 	Arndt	<ul style="list-style-type: none"> • TBD
Week 16	Finals week		

- * Additional reading material may be required by some lecturers.
- **Both didactic and experiential (IPPE/IPE) must be passed to receive a passing grade
- ***Refer to CORE ELMS® for comprehensive IPPE schedule