



School of Pharmacy

Required Course Syllabus Fall – P3

Course # PHAR 6345 / Track: PCPI

Economic Clinical Humanistic Outcomes (ECHO) / Law IIIA Course Dates:

TTH 9:00 – 10:20 AM

August 24 - December 9, 2021

Tues/Thurs 9:00-10:20 am CABL Rm. 214

IPPE Hours: 16 hours

Course Coordinator	Course Co-Coordinator
June Kim, PharmD, MBA, CPAC Email: mycalla@yahoo.com Virtual Office Hours: Saturdays 2:00-3:00 pm Mountain (via MS Teams) by appointment	Amanda Loya, PharmD, BCPS amloya1@utep.edu Office 710 915-747-8534 Virtual/In-person Office Hours: Tues/Thurs 10:30-11:30 am or by appointment (available via MS Teams and in Office)

Course Faculty

Faculty Lecturers/Facilitators	IPPE (Introductory Pharmacy Practice Experiences) Contact
Jacquelyn P Navarrete, PharmD, BCACP jpnavarrete@utep.edu Virtual/In-person Office Hours: Wednesdays 9:00 am - 10:00 am available via MS Teams Office 706 (915) 747-8520	Jacquelyn P Navarrete, PharmD, BCACP jpnavarrete@utep.edu Virtual/In-person Office Hours: Wednesdays 9:00 am - 10:00 am available via MS Teams Office 706 (915) 747-8520
Margie Padilla, PharmD, CDE, BCACP meperez@utep.edu Office 702 (915)747-8532 Virtual Office Hours: Microsoft Teams for availability	
Derek Davis, RPh, JD dsdavis4@utep.edu Virtual Office Hours: Microsoft Teams for availability (972) 897-1555	

Office Hours Statement:

Virtual Office Hours with the Course Coordinator(s) will be synchronous through MS Teams or Blackboard Collaborate Ultra and will be used to discuss any course-related questions and problems. When sending an email, send through the Blackboard® course email or place the course number and name (e.g., PHAR 6345 ECHO/LAW IIIA and the issue/topic in the subject line of the email). The course coordinator will try to respond as soon as possible (generally within 24-48 hours). For individual faculty, please email faculty for their office hours.

Course Description

This course will introduce concepts of management principles utilized to manage drug therapy for patient populations to produce quality clinical, economic and humanistic outcomes in a cost-effective manner. This course will also introduce students to the fundamental methods of pharmacoeconomic analysis. Topics include the terminologies and concepts used in pharmacoeconomics research, methods frequently used in pharmacoeconomics, and the role of pharmacoeconomics in the health care decision making. These principles will prepare the student for future coursework where the student will develop and implement individualized treatment plans, taking into consideration pharmacoeconomic factors.



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

Related Pharmacist Patient Care Process Content

This course will introduce concepts of the role of a pharmacist in the healthcare setting related to outer circle of plan and evaluate.

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. Students will be responsible to complete a total of 16 hours as part of this course (16 site). The IPPE requirements of the course (e.g., site assignments) will be coordinated by Jacquelyn Navarrete with guidance from the Office of Experiential Education (OEE). 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.

During the semester, students may be able to select IPPE slot preferences through CORE ELMS. 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. Additionally, IPPEs may be scheduled 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 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.

Course Learning Objectives (mapped to National Pharmacy Education Outcomes)

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

Course Objectives	EPA	CAPE Outcomes	PCOA	NAPLEX	Learning Activities	Assessment Measures	Level of Assessment (I) Introduce (R) Reinforce
Objective 1 (MTM) Discuss and use principles of a drug utilization evaluation		1.1 2.2	3.10.3		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments) of learning	IPPE worksheet, OSCE, Assignment	I, R, A
Objective 2 (MTM) Explain the principles of biomedical ethics and how they apply to the professional ethics of the pharmacist as outlined in the American Pharmacists Association Code of Ethics and included in the Oath of a		1.1	3.7.1 3.7.2		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	IPPE worksheet, OSCE, Assignment	I, R, A
Objective 3 (MTM) Explain the requirements of the Health Insurance Portability and Accountability Act (HIPAA) and articulate ethical obligations in addition to legal requirements for patient informed consent		1.1	3.5.1 3.5.2 3.5.3		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	IPPE worksheet, OSCE, Assignment	I, R, A
Objective 4 (MTM) Complete Medication Therapy Management (MTM) certification		1.1	4.1		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments) of learning	IPPE worksheet, OSCE, Assignment	I, R, A
Objective 5 (MTM) Apply basic clinical and scientific knowledge for the care of ambulatory patients through the use of the Medication Therapy Management (MTM) process		1.1 2.1	4.1.2 4.7.1 4.7.3 4.7.4 4.7.5 4.7.6 4.7.7 4.7.8 4.7.9		Readings, lectures, discussions, and class activities	IPPE worksheet, OSCE, Assignment	I, R, A
Objective 6 (MTM) Review patient medication histories and develop action plans to optimize a patient's medication therapy and		2.1 3.1	4.1.2 4.7.1 4.7.3 4.7.4 4.7.5		Discussion, review of patient charts	Completion of certificate, IPPE worksheet, OSCE	I, R, A

			4.7.6 4.7.7 4.7.8 4.7.9				
Objective 7 (Pharmacoeconomics) Understand the rationale and importance of		1.1	3.3.2		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, exams	I, R
Objective 8 (Pharmacoeconomics) Identify and determine relevant cost and consequences associated with pharmacy products and services.		1.1	3.3.1 3.3.2		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments) of learning	Quizzes, exams	I, R
Objective 9 (Pharmacoeconomics) Define the differences between PE research methods: a) Cost-minimization analysis (CMA); b) Cost-benefit analysis (CBA); c) Cost-effective analysis (CEA); and		1.1 2.4	3.3.2 3.3.3		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, exams	I, R
Objective 10 (Pharmacoeconomics) Explain the term health-related quality of life (HRQoL) and the importance of measuring HRQoL		1.1 2.4	3.3.2 3.3.3		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, exams	I, R
Objective 11 (Pharmacoeconomics) Critique current PE literature		1.1	3.3.2 3.3.3		Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments) of learning	Mid-Term & Final, Team assign	R, A
Objective 12 (Law) Understand and apply the Drug Therapy Management laws and regulations applicable 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	n/a	Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, Mid-Term & Final	I
Objective 13 (Law) Refresh and refine understanding of Class C Institutional Pharmacy rules and regulations under Texas law				n/a	Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, Mid-Term & Final	I
Objective 14 (Law) Refresh and refine understanding of State and Federal Controlled Substances Acts and the applicable				n/a	Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, Mid-Term & Final	I
Objective 15 (Law) Explain and describe all other classes of pharmacy under Texas law, including Nuclear Pharmacies. Clinic				n/a	Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, Mid-Term & Final	I

Pharmacies, Free Standing Emergency Facilities, Non- Resident Pharmacies and the remaining classes							
Objective 16 (Law) Expand understanding and application of law and ethics to the pharmacists, patients, third parties and pharmacies				n/a	Readings, lectures, discussions, and class activities (classroom, outside classroom, and/or online environments)	Quizzes, Mid-Term & Final	I
Objective 17 (Law) Develop a substantial foundation for taking and passing the MPJE on the selected topics, and expand understanding of common pitfalls in							
Objective 18 (IPPE-MTM) Apply MTM skills to real patient care setting	1, 2	1.1, 2.1, 2.2, 2.3, 3.1, 3.5, 3.6	4.1 4.7.1 4.7.3 4.7.4 4.7.5 4.7.6 4.7.7 4.7.8 4.7.9	1.1.0	Outside classroom activities	IPPE	R, A
Objective 19 (IPPE-ECHO Project) Apply ECHO principles in a real patient care setting	1, 2	1.1, 2.1, 2.2, 2.3, 3.1, 3.5, 3.6	4.1 4.7.1 4.7.2	1.1.0	Outside classroom,activities	IPPE	R, A

Additional / Detailed Course Meetings & Location

Course Meeting and Location

This course will be held in-person in the Campbell Building in room #214 on Tuesdays and Thursdays from 9:00-10:20 am. Students will also participate in Introductory Pharmacy Practice Experiences (IPPE) which will require students to travel to assigned clinical practice site in El Paso. Details regarding specific location of these sites will be provided to students upon site assignment.

Online Platform/Blackboard:

This course will use Blackboard as the primary learning management system. **Accessing Course Content on Blackboard:** All lectures, handouts, and course material will be located in Blackboard. IPPE - All experiential education materials (e.g., worksheets) will be located in CORE ELMS and in a designated IPPE folder in Blackboard. Log into My UTEP.edu and click on the Blackboard link to access the online course for **PHAR 6345**. The course is individualized, and students may access lecture recordings and 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.

IPPE:

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

UTEP or the SoP may change to primarily online course if a major disruption occurs during the semester (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 learning outcomes in this course will be achieved via the following activities:

1. **Outside Preparation:** Students will be required to complete some readings outside of formal class hours. Students must complete all readings and assignments by the due date indicated.
2. **In-class Lectures:** Some instruction will be delivered via lecture-based format. Students are expected to actively participate in class discussions as they pertain to the lectures.
3. **Individual Assignments and in-class activities:** Students will complete individual assignments and in-class activities.
4. **Exams/Quizzes:** Exams and/or quizzes will be used to assess the student’s knowledge of the course material.
5. **Law course:** Students will be required to complete law content and pass the law exams and content.
6. **IPPE:** Students will complete 16 hours of IPPE as a part of this course.

Required Course Technology/Tools/Needs

Required Textbooks:

- Pharmacoeconomics: Rascati, Karen L. Essentials of Pharmacoeconomics, Third Edition, Lippincott Williams & Wilkins, 2021; ISBN-13: 978-1975139445, ISBN-10: 1975139445.
- Law: Readings will be provided

Required Online Course: Medication Therapy Management (MTM) in Pharmacy Practice: Core Elements of an MTM Service.

- Completion of the APhA's *Delivering Medication Therapy Management Services in the Community* national certificate training program
- Completion of five Comprehensive Medication Review MTM (CMR MTM) cases submitted to blackboard for grading
 - Follow-up with patients on MTM Cases #1 and #2
- Completion of one standardized MTM case at the beginning of the semester to evaluate student's understanding of MTM case write-up expectations

Laptop Computer

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

Calculator

- Students are expected to bring a non-programmable calculator to class 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.

- ExamSoft® Exam Monitor
 - Blackboard® Collaborate: Chrome Browser
 - Microsoft® Teams or UTEP Zoom®
 - CoreELMS® for Experiential Learning
 - Audio (speaker & microphone) and video (camera) MUST be checked to be functional for classes and online exams (if applicable)
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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 classes and arriving to class on time prepared for the day's lesson(s).

For the MTM component of the course, **due to the requirements to receive the MTM certification, students are required to attend 8 hours of MTM live lecture.**

For the **Pharmacoeconomics** component, attendance at live sessions is not mandatory in that attendance will not be taken at each lecture. However, attendance and punctuality at lectures are strongly recommended and expected as a sign of professional behavior. If large numbers of students are absent (i.e., not coming to live sessions), the instructor reserves the right to give unannounced quizzes or to modify attendance policy in the middle of the semester. Not coming to class for work is NOT a valid reason for your absence.

For the **Law** component, attendance at lectures in which the law instructor is present in class is mandatory. Attendance may be taken and unexcused absences may result in a percent deduction from law course grade.

If a student has an excused absence, they should immediately notify the course coordinator(s) and instructor(s) and Director of Student Affairs (Mrs. Carmen Ramos: crtorres2@utep.edu). If the absence is IPPE associated, students should 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.

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 process, check Blackboard®.

For IPPE schedule refer to CoreELMS.

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.

IF 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 and see that they are maintaining the required competency level. Students should seek advice and assistance from the course facilitator as soon as they encounter any difficulty in the course.

Unique Dress Policy for Course

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 Education Director.

COVID Precautions

Since the course will meet on campus during the semester, all CURRENT public health precautions/measures should be taken. **According to current CDC guidance, the use of masks in the classroom is strongly encouraged for the safety of all.** For up-to-date UTEP policies, please see: <https://www.utep.edu/resuming-campus-operations/?home>

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let the course coordinator and Ms. Carmen Ramos, Director of Student Affairs at crtorres2@utep.edu know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the UTEP Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org

Evaluation and Grading Policy

Exams that are synchronous will be held on dates provided in the course calendar until otherwise stated. The final exam will occur during finals week.

Please note: this course contains a law component which will account for 15 % of the total grade. **The student must pass both individual (15% law & 85% non-law) components of this course to progress to the next semester.**

Course point distribution will be as follows:

Type of Assessment		% Course Grade
Pharmacoeconomics Component of Course		
Pharmacoeconomics Exam 1		20%
Pharmacoeconomics Exam 2		20%
Pharmacoeconomics Article Critique 1		10%
Pharmacoeconomics Article Critique 2		10%
Pharmacoeconomics Final Exam		25%
Total ECHO Pharm		85%
Law Component of Course		
	% of Law Grade	% of Total Course Grade
Law Exam 1 (Midterm)	20%	3%
Law Exam 2 (Final)	30%	4.5%
Quiz 1	5%	0.75%
Quiz 2	15%	2.25%
Quiz 3	15%	2.25%
Law Ethics Project	15%	2.25%
Total Law	100%	15%
IPPE Component of Course		
MTM Self-Study (10 hours)		Pass/Fail
MTM live seminar (8 contact hours)		Pass/Fail
MTM Post-Seminar Cases (3 cases – 1 hour each)		Pass/Fail
ECHO IPPE Project		Pass/Fail

Assignment of grades:

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

Exams:

- a. Pharmacoeconomics (PE) Exams will cover the class materials and readings posted in the course schedule.
- b. The formats of PE examinations may include T/F questions, multiple choices, and short answer. Exam formats will be clearly communicated with students before each exam.
- c. Law exams will be administered separately from PE exams and the student must pass the law component of this course (15%) to progress to the next semester.
- d. All Exams will be administered via ExamSoft®, unless noted otherwise.

Law Quizzes: Law quizzes will be open-book. Students are allowed to use course materials to complete the quizzes and must upload the quizzes to Blackboard course shell by the due dates posted on course schedule.

For students who missed an Exam or Quiz for an unexcused absence, make-up Exam or Quiz will be not allowed and the student will receive a score of zero.

PE Assignments: Students will assess two PE articles according to the guiding questions that will be discussed

during the class. It is an individual assignment and students must upload their completed assignments by due dates posted on course schedule. Expectation and grading rubric will be communicated in classes.

Experiential LINK (IPPE):

All IPPE activities (i.e., hours, worksheets, evaluations) must be completed in its entirety by communicated due date. Students should note required transportation, time, dress. Refer to OEE Handbook for details.

Questions Related to the Course and Grading/Exams

MATERIAL: In general, questions related to the overall course should be directed to the coordinator(s). **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(s) 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. 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:

****ON-Campus Exam Guidance****

Students must arrive on time for examinations. Students arriving after any student **has** completed the exam and have left the **exam room** may not be allowed to sit for the exam and may receive a score of zero. **If the student arrives after the examination has started, no additional time will be provided for the exam.** If another student has already completed their 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.

No allowances will be made for an exam being missed, other than documented illness or emergency. The student must contact the course coordinator(s), **instructor and Director of Student Affairs (Mrs. Carmen Ramos: crtorres2@utep.edu) as soon as possible and prior to the exam.** If permission is granted **for the excused exam absence**; it is the student's responsibility to contact the course coordinator to arrange for an alternative exam time. In this event, the nature of the make-up will be at the discretion of the course coordinator (oral, written, increased weighting on the final, etc.). An unexcused absence from an exam may result in a grade of "zero" for that exam.

Student Expectations Prior and During Examination

Seating: Randomized assigned seating will be utilized for each examination.

Room: Students must arrive to room area 10minutes ahead of examination. If the student arrives after the examination has started without proper justification, it may result in a 10% deduction form the student's earned exam score.

Exams: **Electronic exams** should be downloaded at a minimum of 2 hours prior to the examination. **Repeated instances (> 1 time) of not downloading electronic exams will result in a referral to the SOP Progression Committee and a potential 10% grade penalty deduction from the student's earned exam score.**

Students are responsible for having a 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.

During an exam, if a student has any questions/concerns regarding exam questions, they may call on the exam proctor or type the questions/concerns on the Notes section within ExamSoft/Examplify. *If approved by the exam proctor*, students may contact ExamSoft support for any technical issues during an exam. This would be the only scenario where students will be allowed to use their cell phones. Students must make sure to request a case/ticket number from ExamSoft, as must be submitted to the course coordinator. The contact information for ExamSoft Support. This information must be saved to your phones: ExamSoft Technical Support 866.429.8889 or 954.429.8889. Students can also use the ExamSoft live chat feature available at: www.examssoft.com/support

Availability of items during exam: The exam proctor 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.

- No backpacks, purses, hats, large coats, and/or other bulky clothing permitted; these items need to be left outside the examination room or in an area in the exam room designated by the faculty/proctor.
- No food or drink allowed during an exam.
- No electronic devices (for example: watches, phones, calculators, etc.) are permitted on the student during an examination unless approved by the instructor prior to the examination or inspected upon entry into the exam room for approval. A specific model for calculators may be specified in the course syllabus or provided in advance of the examination to students.
- Disruption of examination time due to an electronic device can result in a grade penalty as stipulated in the syllabus.

Bathroom break: No bathroom breaks permitted during examinations unless a prior accommodation is made. Faculty maintain discretion over the permissibility of bathroom breaks; students should expect that a proctor will accompany them to the restroom and will wait outside the restroom if permission for restroom use is granted. No additional time will be provided for examinations when restroom breaks occur.

****ONLINE / REMOTE Exam Guidance for ExamSoft/Examplify®****

This course requires the use of ExamSoft®. 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**

All students are expected to start the exam on time. It is recommended that students download their exam well ahead of the scheduled exam time, as students often have issues with the download process, some of which take time to resolve. The exam password will be announced on the course shell in Blackboard 5 minutes before the exam start time.

If you encounter technical issues during the exam, contact Dr. Jessica Shenberger via MS Teams or email (jshenberger@utep.edu) immediately AND CC Mr. Adrian Enriquez (aealonso@utep.edu). This shortens the time it will take to get you the technical support students need.

Students will complete all remotely proctored exams in Examplify with ExamID and ExamMonitor enabled. These features monitor the testing environment for academic integrity issues. As such, students completing online/remotely proctored exams will need to complete pre-exam procedures.

Important Online Pre-Exam Procedures:

1. Perform an environmental scan of your testing environment by turning your camera to show your room and desk area.
2. 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 standalone 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 may occur because 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/Examplify. 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 coordinator PRIOR to the exam and provide documentation to support your excused absence. If these steps are not taken and you miss your 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 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.

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(s) 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(s) 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(s) 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

Remediation occurs if a student fails the course. 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 Student Handbook: 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 (which could include failure of course or dismissal from School of Pharmacy). Please refer to the Student Handbook for SOP guidance on academic integrity (*see Student Handbook - Table of Contents for Curriculum and Classroom Policies: Academic Integrity*).

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

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

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 Student Handbook: 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. Disruptive cell phone use for the purpose of texting, email or social media is not permitted. This use is disruptive to fellow classmates, faculty and the learning environment. The use of a cell phone or the ringing of the phone in class is considered unprofessional behavior. No cellphones, calculators, laptops or other items may be used during an assessment (e.g., exam or a quiz) unless specifically as part of that assessment and approved by the faculty member/instructor.

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:** Mozilla FireFox and Google Chrome (NOT Internet Explorer)
 - 2) **For a Mac:** Safari, Firefox, and Chrome
- Check for updates on supported browsers:

https://help.blackboard.com/Collaborate/Ultra/Participant/Get_Started/Browser_Support#supported-browsers_OTP-0

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).

ExamSoft Technical Support: 866.429.8889 or 954.429.8889

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

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/>

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/>) 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
- Emergence 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: 915-778-5726 / <https://namiep.org>

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/>]

Course 6345 ---- ECHO PHARM and LAW IIIA (CABL Room 214)

Week	Date	Topics	Suggested Reading*	Faculty
1	8/24 Tuesday	Course Introduction/ Syllabus review Allot for 30 min. Law: Class C and Controlled Substances Review; Law quiz #1 released and due on 9/1/20 by 11:59 pm		Kim, Loya, Navarrete, Davis
	MTM			
	8/26 Thursday	No class meeting – time to work on MTM pre-seminar MTM Self-Study assignment due by 8/30/21 by 11:59 PM		
2	8/31 Tuesday	MTM (1.5/8 hours) Law Quiz #1 due by 11:59 pm		Navarrete
	9/2 Thursday	MTM (1.5/8 hours)		Navarrete
3	9/7 Tuesday	MTM (1.5/8 hours)		Navarrete
	9/9 Thursday	MTM (1.5/8 hours)		Navarrete
4	9/14 Tuesday	MTM (1.5/8 hours) MTM Live-Seminar Assignment due by 11:59 PM		Navarrete
	9/16 Thursday	Law: Chapter E Pp. 1-16 – Drug Therapy Management and General Rules Pp. 16-35 – Inventory Requirements, Professional Responsibility and Other Rules; Law Quiz #2 released and due on 9/23/21 by 11:59 pm		Davis
Formulary Management and DUE				
5	9/21 Tuesday	Formulary Management and Drug Utilization Evaluation		Padilla
	Pharmacoeconomics (PE)			
	9/23 Thursday	Topic A. Introduction to Pharmacoeconomics (PE) Law Quiz #2 due by 11:59 pm	Chapter 1	Kim
6	9/28 Tuesday	Topic B. Costs	Chapter 2	Kim
	9/30 Thursday	Topic C. Assessing PE article Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 1-8 Class B Nuclear Pharmacy; Law Exam 1 released and due on 10/7/21 by 11:59 pm	Chapter 3	Kim Davis
7	10/5 Tuesday	Topic C: Assessing PE article, Topic D: CMA	Chapter 3	Kim
	10/7 Thursday	Topic D. Cost Minimization Analysis (CMA) Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 9-20 Class D Clinic Pharmacy; Law Exam 1 (Midterm) due by 11:59 pm	Chapter 4	Kim Davis
8	10/12 Tuesday	Topic E. Cost Effective Analysis (CEA)	Chapter 5	Kim
	10/14 Thursday	Topic F. Cost Utility Analysis (CUA) 1st PE article assignment Due at 11:59 PM	Chapter 6	Kim

		Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 20-31 Class E Non-Resident		Davis
9	10/19 Tuesday	Review for PE Exam 1 Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 31-52 Class F and G Free Standing Emergency and Central Fill Pharmacies Law Quiz #3 released and due on 10/26/21 by 11:59pm		Kim Davis
	10/21 Thursday	PE EXAM 1 (Topics A-E)		Loya (proctor)
10	10/26 Tuesday	Topic G. Cost Benefit Analysis (CBA) Law Quiz #3 due by 11:59pm	Chapter 7	Kim
	10/28 Thursday	PE In Class Office Hour (Review Exam 1)		Kim
11	11/2 Tuesday	Topic H: Health-Related Quality of Life (HRQoL) 2nd PE article assignment Due at 11:59 PM	Chapter 8	Kim
	11/4 Thursday	Topic I: Decision Analysis & Markov Modeling Allot 30 minutes law: Introduction to law ethics project	Chapter 9 Chapter 10	Kim Davis
12	11/9 Tuesday	Topic J: Pharmacy Services	Chapter 13	Kim
	11/11 Thursday	Topic K: Reviewing assignments		Kim
13	11/16 Tuesday	Review for PE Exam 2		Kim
	11/18 Thursday	PE EXAM 2 (Topics F-J)		Loya (proctor)
14	11/23 Tuesday	No Class; Submit Law ethics project by 11:59 pm on Wed., Nov. 24th		
	11/25 Thursday	No Class – THANKSGIVING		
15	11/30 Tuesday	LAW wrap-up & Ethics discussion (students present their ethics project)		Davis
	12/2 Thursday	(Padilla/Navarrete) Collaborative Agreements/Credentialing and scope of practice (Navarrete) Discuss MTM Cases (0.5/8hrs) Discuss Formulary Management		Padilla Navarrete Padilla
Final Week	12/9 Thursday 3:00-5:45 pm	ECHO Pharm Comprehensive Final (Topics A, B, D, E, F, G, H, I, J) and LAW Final		Loya (proctor)

* Pharmacoeconomics: Rascati, Karen L. Essentials of Pharmacoeconomics, Third Edition, Lippincott Williams & Wilkins, 2021; ISBN-13: 978-1975139445, ISBN-10: 1975139445.