



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 25 - December 3 2020

Online (Virtual)

IPPE Hours: 16 hours

Course Coordinator

Hyeun Ah Kang, Ph.D.
hkang1@utep.edu Virtual Office Hours: Tuesdays 10:30 am - 12:00 pm via Blackboard Collaborate Ultra Office 515 (915) 747-8189

Course Faculty

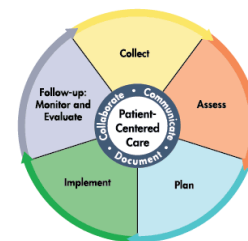
Faculty Lecturers/Facilitators	IPPE (Introductory Pharmacy Practice Experiences) Contact
Jacquelyn P Navarrete, PharmD, BCACP jnavarrete@utep.edu Virtual Office Hours: Wednesdays 9:00 am - 10:00 am available via MS Teams Office 706 (915) 747-8520	Jacquelyn P Navarrete, PharmD, BCACP jnavarrete@utep.edu Virtual 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	
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Office Hours Statement:

Virtual Office Hours will be synchronous through 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 online 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	CAPE Outcomes	PCOA	NAPLEX	Learning Activities	Assessment Measures	Level of Assessment (I) Introduce (R) Reinforce (A) Apply
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 Pharmacist	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 and patient confidentiality	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 outcomes	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, Assignment	I, R, A

		4.7.6 4.7.7 4.7.8 4.7.9				
Objective 7 (Pharmacoeconomics) Understand the rationale and importance of pharmacoeconomic (PE) analyses.	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 d) Cost-utility analysis (CUA).	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 assignment	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 rules and regulations.			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 preparing for and passing the MPJE						
Objective 18 (IPPE-MTM) Apply MTM skills to real patient care setting	1.1 2.1	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		Outside classroom activities	IPPE	R, A
Objective 19 (IPPE-ECHO Project) Apply ECHO principles in a real patient care setting	1.1 2.1			Outside classroom,activities	IPPE	R, A

Additional / Detailed Course Meetings & Location

Online Platform/Blackboard:

This semester the course will be taught online using 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.***** 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

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 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 7.5 hours of law course and pass the exam.
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, Second Edition, Lippincott Williams & Wilkins, 2013; ISBN -10 number: 1451175930
- Law: Readings will be provided

Required Online Course: Medication Therapy Management (MTM) in Pharmacy Practice: Core Elements of an MTM Service Version 2.0.

- 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 with classmates/faculty for course learning

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
 - CoreELMS® for Experiential Learning
 - **Audio (speaker & microphone) and video (camera) MUST be checked to be functional for classes and online exams**
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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). 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.

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

Expectations of Students During Course

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

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.

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	Total Points	% Course Grade
ECHO Pharm Component of Course		
MTM Self-study (10 hours)	100	10%
MTM live seminar (8 contact hours)	50	5%
MTM Post-seminar Cases (3 cases – 1 hour each)	150	15%
Pharmacoeconomics Exam 1	150	15%
Pharmacoeconomics Exam 2	150	15%
Pharmacoeconomics Article critique 1	50	5%
Pharmacoeconomics Article critique 2	50	5%
ECHO Project (IPPE)	150	15%
Total ECHO Pharm	850	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%

Assignment of grades:

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

Exams:

- a. Pharmacoeconomics (PE) Exam 1 & 2 (15% each, 30% in total) 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. **Content/topic-specific questions** should be directed to the content instructor within **five (5) business days** of the material being presented.

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

REGRADE REQUEST: *Example: Regrade requests for assignments or exams should be made within five (5) business days of the posting of the grades. ***Faculty may make their own guidance for requests in writing with evidence/rationale to support their decisions.**** Requests regarding regrading will not be entertained after this period (unless excused absence due to extenuating circumstances or faculty coordinator).

EXAM-RELATED Technology and Guidance:

Please refer to the UTEP School of Pharmacy Student Handbook for guidance for exams (online/remote as well as on campus) <https://www.utep.edu/pharmacy/current-students/current-students.html>

Online Assessment Requirements:

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**

Missed Quizzes / Exams / Assignments – Excused/Unexcused Absences

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

- The course coordinator **MUST** be notified on the day of the exam for the student to be excused from that exam for an **emergency**.
- In the case of **religious holidays**, the student **MUST** notify the course coordinator 10 business days prior to the exam. 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

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
- 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://nami.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

Week	Date	Topics	Suggested Reading*	Faculty
1	8/25 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		Kang, Navarrete, Padilla, Davis
	MTM			
	8/27 Thursday	No class meeting – time to work on MTM pre-seminar MTM Self-Study assignment due by 8/31/20 by 11:59 PM		
2	9/1 Tuesday	MTM (1.5/8 hours) Law Quiz #1 due by 11:59 pm		Navarrete
	9/3 Thursday	MTM (1.5/8 hours)		Navarrete
3	9/8 Tuesday	MTM (1.5/8 hours)		Navarrete
	9/10 Thursday	MTM (1.5/8 hours)		Navarrete
4	9/15 Tuesday	MTM (1.5/8 hours) MTM Live-Seminar Assignment due by 11:59 PM		Navarrete
	9/17 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 10/1/20 by 11:59 pm		Davis
Formulary Management and DUE				
5	9/22 Tuesday	Formulary Management and Drug Utilization Evaluation		Padilla
	Pharmacoeconomics (PE)			
	9/24 Thursday	A. Introduction to Pharmacoeconomics (PE)	Chapter 1	Kang
6	9/29 Tuesday	B. Costs	Chapter 2	Kang
	10/1 Thursday	C. Assessing PE article Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 1-8 Class B Nuclear Pharmacy; Law Quiz #2 due by 11:59 pm; Exam 1 released and due on 10/8/20 by 11:59 pm	Chapter 3	Kang
7	10/6 Tuesday	D. Cost Minimization Analysis (CMA)	Chapter 4	Kang
	10/8 Thursday	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 due by 11:59 pm	Chapter 4	Kang Davis
8	10/13 Tuesday	E. Cost Effective Analysis (CEA)	Chapter 5	Kang
	10/15 Thursday	E. Cost Effective Analysis (CEA) – Article Critique	Chapter 5	Kang

		Allot 30 minutes law: Chapter J: Other Classes of Pharmacies Pp. 20-31 Class E Non-Resident		Davis
9	10/20 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 10/27/20 by 11:59pm		Kang Davis
	10/22 Thursday	PE EXAM 1 (Topic A-D)		Kang
10	10/27 Tuesday	F. Cost Utility Analysis (CUA) CUA Article Critique assignment released and due on 10/30/20 by 11:59pm Law Quiz #3 due by 11:59pm	Chapter 6	Kang
	10/29 Thursday	PE In class office-hour (Exam 1 questions)		Kang
11	11/3 Tuesday	F. Cost Utility Analysis (CUA) – Article critique	Chapter 6	Kang
	11/5 Thursday	G. Cost Benefit Analysis (CBA) CBA Article Critique assignment released and due on 11/8/20 by 11:59pm Allot 30 minutes law: Introduction to law ethics project	Chapter 7	Kang Davis
12	11/10 Tuesday	H. Health-Related Quality of Life (HRQoL)	Chapter 8	Kang
	11/12 Thursday	G. Cost Benefit Analysis (CBA) – Article critique	Chapter 7	Kang
13	11/17 Tuesday	Review for Exam 2		Kang
	11/19 Thursday	PE EXAM 2 (Topic C, E- H)		Kang
14	11/26 Tuesday	No Class		
	11/24 Thursday	No Class – THANKSGIVING		
15	12/1 Tuesday	Submit Law ethics project by 9:00 am LAW wrap-up & Ethics discussion		Davis
	12/3 Thursday	Collaborative Agreements/Credentialing and scope of practice Discuss MTM Cases (0.5/8hrs) Discuss Formulary Management MTM Case Assignment & MTM IPPE hour submission due 12/4/20 by 11:59 PM		Navarrete Padilla
Final Week	TBD	LAW Final		Davis

* Pharmacoeconomics textbook: Rascati Karen L. Essentials of Pharmacoeconomics, Second Edition, Lippincott Williams & Wilkins, 2013; ISBN -10 number: 1451175930