

**PHAR 7688**  
**Professional Year 4 (P4) Capstone Course**  
Summer/Fall/Spring Semester 2025-2026

**Course Description**

This course reviews core topics that students will need to demonstrate competency to serve as effective entry-level pharmacists.

**Additional Course Information**

This course reviews relevant topics included in the North American Pharmacist Licensure Examination (NAPLEX) and Multistate Pharmacy Jurisprudence Examination (MPJE) blueprint to prepare students for the exam. Students will be reviewing all competency areas outlined by the NAPLEX's blueprint, such as drug knowledge and disease state knowledge. This course provides an overview of all the necessary knowledge and skills to ensure students have a strong understanding of all the competency statements outlined by the National Association of Boards of Pharmacy.

**Course Credit:** 6 credit hours

**Pre-Requisites:** Current P4 standing

**Co-Requisites:** none

**Class Meeting Days, Time & Location:**

**Summer/Fall Semester Course Coordinator:**

Pamella Ochoa, Pharm.D.

Office Location: WTB 327

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Office hours: Tuesdays 12 pm – 1 pm; Thursdays 12 pm – 1 pm; and by appointment

Preferred method of contact: Email

**Spring Semester Course Coordinator:**

Jose Vega, Pharm.D.

W.T. Brookshire Hall Room 127

Phone number: 903-565-6581

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Office hours: Tuesdays 12 pm – 1 pm; Thursdays 12 pm – 1 pm; open door, and by appointment

Preferred method of contact: text, phone call

**Fisch College of Pharmacy (FCOP) and UT Tyler Policies**

This is Part 1 of the syllabus. [Part 2](#) contains UT Tyler and the FCOP policies and procedures. For experiential courses (i.e., IPPE and/or APPE), the Experiential Manual contains additional policies and instructions that supplement the Syllabus Part 1 and 2. Please note, the experiential manual may contain policies with different deadlines and/or instructions. The manual should be followed in these cases.

**Required Materials**

Most course required materials are available through the Robert R. Muntz Library. These materials are available either online\* (<http://library.utt Tyler.edu/>) or on reserve.

1. 2026 NAPLEX Course book. Uworld/RxPrep.
2. 2026 UWorld/RxPrep online resources
3. Top 200 drug cards
4. Other required materials will be posted on the classes' Canvas site. The site address is: [utt Tyler.edu/canvas](http://utt Tyler.edu/canvas).

### Recommended Materials

None

### Course Format

The course may include, but are not limited to, the following activities:

1. Independent study of assigned modules
2. Individual completion of online tests
3. In-person assessments

### Course Learning Outcomes (CLOs)

CLOs	PLO(s) Assessed for this CLO (1-12)	ACPE Appendix 1	ACCP Didactic Toolkit	NAPLEX (1.A.1-5.D)	Assessment Methods (1-13)
1. Obtain, interpret, or assess data, medical, or patient information	-	-	-	-	1
2. Identify drug characteristics	-	-	-	-	1
3. Develop or manage treatment plans	-	-	-	-	1
4. Perform calculations	-	-	-	-	1
5. Assess compounding, dispensing, or administering drugs, or managing delivery systems	-	-	-	-	1
6. Develop or manage practice or medication-use systems to ensure safety and quality	-	-	-	-	1

### Course Summative Assessment Methods

	Assessment/Examination Method
1	Question-based examination (UWorld-based)
2	Question-based examination (paper-based)
3	Comprehensive Case
4	Skills Assessment
5	OSCE
6	Team Project
7	Individual Project
8	Oral Presentation
9	SOAP Note
10	Reflection Essay

11	Simulation
12	Internship/Observation
13	Other major assignment. Please specify:

### Course Assessment Method Description

	Assessment Method	Description <i>Please provide a brief description of each summative assessment that you plan to use in this course to allow us to identify which ACPE standards are being assessed</i>
1	Tests and Assessments	<i>Standard MCQ and Select All that apply questions, Comprehensive case with series of MCQ questions regarding the case, Open-ended fill in the blank questions</i>

### Grading Policy & Grade Calculation

During the time the course is in progress, students who obtain less than 75% on any summative assessment or a total course grade of less than 75% during a particular semester will receive an academic alert from the course coordinator and the Office of Academic Affairs and be subject to weekly in-course remediation with the course instructor(s).

All examinations, tests, and assignments, including the final examination, may be **cumulative**. Students are responsible for material presented during the prior courses. The grading scale for all graded material is below. The final course grade will be assigned according to the calculated percentage and the percentages will not be rounded upward or downward. For additional information, see examination/assessment policy below.

#### Standard Grade Calculation\*

##### Individual Assessments:

UWorld Weekly Chapter Tests	16%
Assessment 1	12%
Assessment 2	12%
Assessment 3	12%
Assessment 4	12%
Assessment 5	12%
Assessment 6	12%
Assessment 7	12%

<b>Total</b>	<b>100%</b>
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***\*The final course letter grade will be determined according to the following grading scheme:***

A	90 - 100 %
B	80 - 89.999 %
C	70 - 79.999 %
D	65.0 - 69.999 %
F	< 65.0 %

#### Additional grading information:

- Students will be given multiple attempts on UWorld Chapter Tests. Students must score 85% or greater on each of the UWorld Chapter Tests before the assigned deadline to be cleared to take the Assessment that covers related material.
- UWorld Chapter Tests will be graded on a pass-fail grading score.

- Students who successfully score 85% or greater by the assigned deadline will receive a score of 100% for the UWorld Chapter Test.
- Students who do not score 85% or greater by the assigned deadline will receive a score of 0% for the UWorld Chapter Test.
- Makeup assessments will be administered for excused absences only at the discretion of the course team.
- Unexcused absences will receive a score of 0% for the assigned Assessment.
- All Assessments for the course will be in-person at the FCOP on Back to Campus Days.
- Students must complete the course and attend the MPJE review during Exit Week to take the Final Assessment.
- **Students must pass the Final Assessment with a minimum scaled score of 75 AND a score of 70% or greater in the class to pass the course.**
- Students who score a scaled score less than 75 on the Final Assessment or score less than a 70% in the class will be given a second chance assessment. Students must pass the second chance assessment with a score of 70% or greater to pass the course and graduate on time. If the student fails the second chance assessment, the student will need to repeat this course in the summer of the next academic cycle. Students will receive a final course grade as an Incomplete until the course is repeated in the summer.

#### **Appropriate Use of Artificial Intelligence**

- To best support your learning, you must complete all graded assignments by yourself to assist in your learning. This exclusion of other resources to help complete assignments includes artificial intelligence (AI). Refrain from using AI tools to generate any course context (e.g., text, video, audio, images, code, etc.) for assignments or assessments.

## PHAR 7688 Course Schedule

ROTATION	WEEK / DAY	TOPIC (UWorld/RxPrep)
Block 1	1 5/19	<b>Self-Study UWorld Content</b>
	2 5/26	<b>Self-Study UWorld Content</b>
	3 6/2	<b>Self-Study UWorld Content</b>
	4 6/9 Mon 6/9	<b>Orientation to Capstone Course (Zoom)</b>  <b>Moderator Pre-Assessment Exam-Ready for NAPLEX Study?</b> Test due: Sunday at 11:55 pm
	5 6/16	<b>Answering Case-Based Exam Questions</b> Test due: Sunday at 11:55 pm
	6 6/23	<b>Drug Formulations &amp; Patient Counseling</b> <b>Drug References</b> Test due: Sunday at 11:55 pm
Block 2	7 6/30	<b>Calculations I: Math Basics</b> <b>Biostatistics</b> Test due: Sunday at 11:55 pm
	8 7/7	<b>Calculations II: Compounding</b> <b>Basic Science Concepts</b> Test due: Sunday at 11:55 pm
	9 7/14	<b>Calculations III: Parenteral &amp; Enteral Nutrition</b> <b>Lab Values &amp; Drug Monitoring</b> Test due: Sunday at 11:55 pm
	10 7/21	<b>Calculations IV: Clinical</b> <b>Intravenous Medication Principles</b> Test due: Sunday at 11:55 pm
	11 7/28	<b>Infectious Diseases I: Background &amp; Antibiotics by Drug Class</b> <b>Infectious Diseases II: Bacterial Infections</b> <b>Travelers</b> Test due: Sunday at 11:55 pm
	12 8/4 <b>Friday</b> <b>8/8</b>	<b>Study Week</b>  <b>Assessment 1: Over blocks 1 &amp; 2 Material and Top Sellers</b> <b>In-person Exam: Back to Campus Day</b>
Block 3	13 8/11	<b>Dyslipidemia</b> <b>Stable Angina</b> Test due: Sunday at 11:55 pm
	14 8/18	<b>Hypertension</b> <b>Allergic Rhinitis, Cough &amp; Cold</b> Test due: Sunday at 11:55 pm
	15 8/25	<b>Acute Coronary Syndromes</b> <b>Common Conditions of the Eyes and Ears</b> Test due: Sunday at 11:55 pm
	16 9/1	<b>Chronic Heart Failure</b> <b>Common Skin Conditions</b>

		Test due: Sunday at 11:55 pm
	17 9/8	<b>Anticoagulation</b> <b>Pulmonary Arterial Hypertension</b> <b>Immunizations</b> Test due: Sunday at 11:55 pm
	18 9/15 <b>Friday</b> <b>9/19</b>	<b>Study Week</b> <b>Assessment 2: Over block 3 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
Block 4	19 9/22	<b>Asthma</b> <b>Contraception &amp; Infertility</b> Test due: Sunday at 11:55 pm
	20 9/29	<b>Chronic Obstructive Pulmonary Disease</b> <b>Drug Use in Pregnancy &amp; Lactation</b> Test due: Sunday at 11:55 pm
	21 10/6	<b>Tobacco Cessation</b> <b>Osteoporosis, Menopause &amp; Testosterone Use</b> Test due: Sunday at 11:55 pm
	22 10/13	<b>Diabetes</b> <b>Sexual Dysfunction</b> Test due: Sunday at 11:55 pm
	23 10/20	<b>Systemic Steroids &amp; Autoimmune Conditions</b> <b>Benign Prostatic Hyperplasia</b> <b>Anemia</b> Test due: Sunday at 11:55 pm
	24 10/27 <b>Friday</b> <b>10/31</b>	<b>Study Week</b> <b>Assessment 3: Over block 4 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
Block 5	25 11/3	<b>Depression</b> <b>Hepatitis &amp; Liver Disease</b> Test due: Sunday at 11:55 pm
	26 11/10	<b>Seizures/Epilepsy</b> <b>Acute &amp; Critical Care Medicine</b> Test due: Sunday at 11:55 pm
	27 11/17	<b>Nonsterile Compounding</b> <b>Cystic Fibrosis</b> Test due: Sunday at 11:55 pm
	28 11/24	<b>Sterile Compounding</b> <b>Transplant</b> Test due: Sunday at 11:55 pm
	29 12/1	<b>Compounding with Hazardous Drugs</b> <b>Weight Loss</b> <b>Motion Sickness</b> Test due: Sunday at 11:55 pm
	30 12/8 <b>Friday</b> <b>12/12</b>	<b>Study Week</b> <b>Assessment 4: Over block 5 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
	31 12/15	<b>Self-Study UWorld/RXPrep Content</b>

	32 12/22	<b>Self-Study UWorld/RXPrep Content</b>
	33 12/29	<b>Self-Study UWorld/RXPrep Content</b>
Block 6	34 1/5	<b>Renal Disease</b> <b>Arrhythmias</b> Test due: Sunday at 11:55 pm
	35 1/12	<b>Oncology</b> <b>Drug Allergies &amp; Adverse Drug Reactions</b> Test due: Sunday at 11:55 pm
	36 1/19	<b>Schizophrenia/ Psychosis</b> <b>Bipolar Disorder</b> Test due: Sunday at 11:55 pm
	37 1/26	<b>Attention Deficit Hyperactivity Disorder</b> <b>Sleep Disorder</b> Test due: Sunday at 11:55 pm
	38 2/2	<b>Parkinson Disease</b> <b>Alzheimer's Disease</b> <b>Anxiety Disorders</b> Test due: Sunday at 11:55 pm
	39 2/9	<b>Study Week</b>
	<b>Friday</b> <b>2/13</b>	<b>Assessment 5: Over block 6 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
Block 7	40 2/16	<b>Inflammatory Bowel Disease</b> <b>Migraine</b> Test due: Sunday at 11:55 pm
	41 2/23	<b>Medication Safety &amp; Quality Improvement</b> <b>Pharmacokinetics</b> Test due: Sunday at 11:55 pm
	42 3/2	<b>Pharmacogenomics</b> <b>Dietary Supplements, Natural &amp; Complementary Medicine</b> Test due: Sunday at 11:55 pm
	43 3/9	<b>Toxicology &amp; Antidotes</b> <b>Drug Interactions</b> Test due: Sunday at 11:55 pm
	44 3/16	<b>Infectious Disease III: Antifungals &amp; Antivirals</b> <b>Infectious Disease IV: Opportunistic Infections</b> <b>Constipation &amp; Diarrhea</b> Test due: Sunday at 11:55 pm
	45 3/23	<b>Study Week</b>
	<b>Friday</b> <b>3/27</b>	<b>Assessment 6: Over block 7 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
Block 8	46 3/30	<b>Stroke</b> <b>Thyroid Disorders</b> Test due: Sunday at 11:55 pm
	47 4/6	<b>Pediatric Conditions</b> <b>Gout</b> Test due: Sunday at 11:55 pm

	48 4/13	<b>Pain</b> <b>Urinary Incontinence</b> Test due: Sunday at 11:55 pm
	49 4/20	<b>Gastroesophageal Reflux Disease &amp; Peptic Ulcer Disease</b> <b>Human Immunodeficiency Virus</b> <b>Sickle Cell Disease</b> Test due: Sunday at 11:55 pm
	50 4/27 <b>Dates</b> <b>TBD</b>	<b>Exit Week In-Person/</b> <b>Spring Commencement/Hooding/Awards</b>  <b>Assessment 7: Over block 8 Material, Top Sellers, Calculations</b> <b>In-person Exam: Back to Campus Day</b>
	51 5/4	<b>Study Week for Second Chance Assessment</b> <b>Study Week for Final Assessment</b>
	5/11 <b>Dates</b> <b>TBD</b>	<b>Exit Week In-Person/</b>  <b>MPJE Review: In-person (TBD)</b>  <b>Final Assessment: In-person Exam: Back to Campus Day</b> <b>Study Week for Second Chance Assessment</b>
	5/18 <b>Dates</b> <b>TBD</b>	<b>Study Week for Second Chance Assessment</b>  <b>Second Chance Assessment (TBD)</b> <b>In-person Exam: Back to Campus Day</b>