PHAR 7294 Pharmacy Laboratory 4: Patient Assessment
Spring 2026

Course Description
This laboratory course will provide students with the knowledge and skills needed to perform patient assessments for patients with a variety of disease states.

Additional Course Information
This course introduces the student to basic patient assessment methods. This course will give students the knowledge to choose correct patient assessment methods and carry those assessments out skillfully and accurately. Students will learn the relationships between laboratory data and physical symptoms, orientation to and familiarity equipment used in the assessment of illnesses, proper medical terminology used when describing physical findings, and to compare and contrast different assessment methods available when applicable for a specific disease.

Course Credit: 2 credit hours

Pre-Requisites: NA

Co-Requisites: NA

Class Meeting Days, Time & Location:
Lecture: Thursday 8:00 a.m. -9:00 a.m. in WTB 235
Lab: Thursday 9:00 a.m. – 12:00 noon

Course Coordinator:
Charlotte Weller, Pharm.D.
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Office hours: Wednesday: 12:00-2:00 pm or by appointment.
Preferred method of contact: Email

Fisch College of Pharmacy (FCOP) and UT Tyler Policies
This is Part 1 of the syllabus. Part 2 contains UT Tyler and the FCOP course policies and procedures. These are available at https://www.uttyler.edu/offices/student-conduct-and-intervention/student-conduct/policies/. 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.uttyler.edu/) or on reserve.

1. Patient Assessment in Pharmacy. Herrier RN. ISBN 978-0-07-175194-0 *(Available in AccessPharmacy)*
2. *Patient Assessment in Pharmacy Practice, 3e. Jones RM. ISBN 978-1451191653 (OVID – LWW Health Library)*

Recommended Materials

The course recommended materials are on reserve at the Robert R. Muntz Library.

1. Pharmacotherapy: A Pathophysiologic Approach, 11e. DiPiro JT. ISBN 978-1260116816 *(OVID – LWW Health Library)*
2. Bates' Guide to Physical Examination and History Taking, 12e. Bickley LS. ISBN 978-1469893419

Course Format

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

1. Independent study of selected readings
2. Individual readiness assessment tests (iRATs) and individual applications (iApplications)
3. Individual demonstration of competency in skills assessments.

Course Learning Outcomes (CLOs)

CLOs	PLO(s) Assessed for this CLO (1-12)	EPAs (1-13)	ACPE Appendix 1	ACCP Didactic Toolkit	NAPLEX (1.1 – 6.5)	MPJE (1.1 – 4.7)	Assessment Methods
1. Evaluate patient vital signs and physical symptoms	1	1, 2	Clinical Lab Data Patient Assessment	Blood Pressure Heart Failure Diabetes	1.1, 1.2, 1.5	-	1,2,3
2. Interpret physical findings in relation to disease- state outcomes	1, 2, 5	2	Patient Assessment	-	1.1, 1.2, 1.5	-	1,2,3
3. Monitor pharmacotherapy through physical findings	1, 2,6	9,10	Pharmacotherapy	-	3.2 – 3.12	-	1,2
4. Adjust treatment plan based on physical findings	1, 2, 4, 5	3,4,5	Pharmacotherapy	-	3.2 – 3.12	-	1,3

Course Assessment Methods

	Assessment Method	Description *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*
1	Midterm and Final Exam Multiple Choice or Multiple Selection Question(s)	*Question types include but are not limited to standard MCQ and "select all that apply" questions.*
2	Midterm and Final Exam Open Ended Question(s)	*Question types include, but are not limited to calculations, fill in the blank, short answer.*
2	iRAT's	*May include MCQ, select all that apply, short answer, fill in the blank, submission of pre-classroom guided reading notes, etc.*

3	Skills Assessments	*Patient assessment techniques demonstrated and assessed through simulations.*
4	SOAP Note	*Standardized format for documentation of patient care plan*

Grading Policy & Grade Calculation

Grades will be determined based on evaluation of individual and team readiness assessment tests (iRATs, tRATs), individual and team cumulative assessment tests (iCATs, tCATs), midterm examinations, final written examinations, skills assessments, graded application assignments, participation in team-based projects, peer evaluations and other assessment methods that may include, but not limited to, Objective Structured Clinical Examinations (OSCEs). Examinations, RATs and CATs may consist of, but not limited to, multiple-choice, true/false, fill in the blank, short-answer, essay, and problem-based questions.

All examinations, tests, and assignments, including the final examination, may be **cumulative.** Students are responsible for material presented during 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 Part 2 of the syllabus.

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).

Standard Grade Calculation*	
Individual Component	

iRATs/Other Individual Activities
   iRATs/iApplications (10%)
   SOAP Notes   (10%)
   Skills Assessments   (30%) e.g. BP, Vitals, Inhalers,
                           DM/CHF/Fluids, POCT
	50%

Major Assessments
   Midterm 1 (15%)
   Midterm 2 (15%)
   Final Exam (20%)
	50%

Total	**100%**

*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 %

Appropriate Use of Artificial Intelligence

AI is not permitted in this course at all.

a. Example 1: I expect all work students submit for this course to be their own work. I have carefully designed all assignments and class activities to support your learning. Doing your own work, without human or artificial intelligence assistance, is best for our efforts in mastering course learning objectives. For this course, I expressly forbid using ChatGPT or any other artificial intelligence (AI) tools for any stages of the work process, including brainstorming. Deviations from these guidelines will be considered a violation of Ut Tyler's Honor Code and academic dishonestly values.

PHAR 7294 Course Schedule

Week	Day	Topic	Instructor(s)	CLO	Disease States
1	1/15	Course Introduction, Introduction to Patient Assessment and Vital Signs	Weller	1,2,3,4	S19
2	1/22	SOAP Note Documentation	Brown	1,2,3,4	S19
3	1/29	SCHOLAR-MAC, QUEST Pain Assessment and Musculoskeletal Assessments Mental Health Assessments	Brown	1,2	S11.04 S11.01 S11.02 S05.06
4	2/5	Implementing the Pharmacist's Patient Care Process	Brown	1,2,3,4	
5	2/12	Midterm 1 + SOAP Assignment Exam [iSOAP]	ALL		
6	2/19	Diabetes and Assessment of Diabetic Complications	Brown	1,2	S07.01
7	2/26	BP Skills Check during class. *Attempt 1– 100%; Attempt 2– 85%, Attempt 3 – 75%; Attempt 4 – 65%*	Weller Clinical Faculty	1,2,3,4	S19
8	3/5	Respiratory Patient Assessment, Asthma + COPD	Bratteli	1,2	S02
9	3/12	Heart Failure/Cardiovascular Assessment	Schwartz.Gutierrez	1,2	S01.02 S01.05 S01.10 S04
10		SPRING BREAK (3/16-3/20)			
11	3/26	Midterm 2	ALL		
12	4/2	Skills check *Heart Failure Assessment* *Respiratory Assessment, Asthma + COPD*	Bratteli, Weller Schwartz	1,2	S06.08
13	4/9	Point of Care POC Sample Collection and Testing and POC Skills Assessment	Weller	3	S20.01
14	4/16	Final Exam	Weller	3	S20.01

	9-12			