

## Pharmacy Laboratory 4: Patient Assessment

### PHAR 7294

Spring Semester 2021

#### 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

#### Class Meeting Days, Time & Location

Lecture: Monday 8:00 a.m. – 9:00 a.m.

Lab: Monday 9:00 a.m. – 12:00 noon

#### Course Coordinator

Kathleen Snella, Pharm.D., FCCP

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Office hours: Wednesday, Friday: 12:00-1:00 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 as a PDF at <https://www.uttyler.edu/pharmacy/academic-affairs/files/fcop-syllabus-policies.pdf>. Syllabus Part 3 contains specific-policies adapted regarding instruction during COVID. 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, 9e. DiPiro JT. ISBN 978-0-07-180053-2
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	Related PLO(s)	Assessment Methods	Grading Method	PCPP Skill(s) Assessed	ACPE Std. 11 & 12
1. Evaluate patient vital signs and physical symptoms	4	1,2,3	ES, RUB	1,2	2
2. Interpret physical findings in relation to disease-state outcomes	2,4,5	1,2,3	ES, RUB	2,3	N/A
3. Monitor pharmacotherapy through physical findings	2,4,6	1,2	ES, RUB	3,4,5	4
4. Adjust treatment plan based on physical findings	2,9	1,3	ES, RUB	3,4,5	2

### <sup>3</sup>Course Assessment Methods

	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	Midterm and Final Exam Multiple Choice or Multiple Selection Question(s)	<i>Question types include but are not limited to standard MCQ and "select all that apply" questions.</i>
2	Midterm and Final Exam Open Ended Question(s)	<i>Question types include, but are not limited to calculations, fill in the blank, short answer.</i>
2	iRAT's	<i>May include MCQ, select all that apply, short answer, fill in the blank, submission of pre-classroom guided reading notes, etc.</i>
3	Skills Assessments	<i>Patient assessment techniques demonstrated and assessed through simulations.</i>
4	SOAP Note	<i>Standardized format for documentation of patient care plan</i>

### Grading Policy & Grade Calculation

Grades will be determined based on evaluation of individual and team readiness assessment tests (iRATs, tRATs), individual cumulative assessment tests (iCATs), 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 (OSCE). 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.

During the time the course is in progress, students whose cumulative course percentage falls below 70.0% may receive an academic alert and be subject to periodic course content review in special sessions with the course instructor(s). The student's faculty advisor may receive an academic alert to act upon on the student's behalf.

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.

<b>Standard Grade Calculation*</b>	
<b>Individual Component</b>	
iRATs/Other Individual Activities iRATs/iApplications (10%) SOAP Notes (10%) Skills Assessments (20%) e.g. BP, Vitals, Inhalers, DM/CHF/Fluids, NACDS POCT	40%
Major Assessments NACDS Home Study Assessment and Post-Assessment 10% Midterm 1 (15%) Midterm 2 (15%) Final Exam (20%)	60%
<b>Total</b>	<b>100%</b>

***\*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 %

**PHAR 7294 Course Schedule for Students**

Week	Day	Topic	Instructor(s)	CLO	Disease States
1*	1/11	Course Introduction, SOAP Note Documentation	Snella	1,2,3,4	S19
2	1/20	<b>MLK Holiday – No Class</b>			
3	1/25	Introduction to Patient Assessment and Vital Signs <i>Schedule time outside of class for skills check: BP, HR, Temp, PulseOx Attempt 1 – 100%; Attempt 2– 85%, Attempt 3 – 75%; Attempt 4 – 65%</i>	Snella	1,2,3,4	S19
4	2/1	Cardiovascular Patient Assessment	Romerill	1,2	S01.05 S01.10
5	2/8	Heart Failure Assessment  Disorders of Fluid Balance: Renal, Liver	Wallace-Gay + M. Akhar  Dunn	1,2	S01.02 S04
6	2/15	Midterm 1 + SOAP Assignment Exam [iSOAP]	ALL	-	-
7	2/22	Respiratory Patient Assessment, Asthma + COPD	Bratteli J. Moorhouse + Residents	1,2	S02
8*	3/1	SCHOLAR-MAC, QUEST Pain Assessment and Musculoskeletal Assessments Mental Health Assessments	Parmentier	1,2	S11.04 S11.01 S11.02 S05.06
N/A	3/8	SPRING BREAK			
9	3/15	Nutrition Support: Outpatient and Inpatient Considerations	Romerill	1,2,3,4	S17
10	3/22	Skills check <i>Heart Failure Assessment Respiratory Assessment, Asthma + COPD</i>	Parmentier + Residents	1,2	S06.08
11	3/29	Midterm 2 + SOAP Assignment Exam [iSOAP]	ALL		
12	4/5	Diabetes and Assessment of Diabetic Complications <i>NACDS POC Pre-Tests Must be Completed</i>	M. Akhtar Wallace-Gay + Residents	1,2	S07.01
13	4/12	Point of Care Training “live” 4-hour training <i>Skills check begins: Point of Care Testing</i>	Yett	3	S20.01
14	4/19	8-9 Final Exam (1 hour) 9-12 POC Sample Collection and Testing and POC Skills Assessment <i>Diabetes &amp; Assessment of Diabetic Complications [lab continues if needed]</i>	All + Residents Yett	3	S20.01
15	4/26	Final Exam Week <i>Reserve Final Exam Day for Skills Assessments (if needed)</i>	--	-	-