

PHA5163L Professional Skills Lab 3
Fall 2025 | 1 Credit Hour – [A-E Grading]

This course continues the development of essential skills a pharmacist is expected to perform in daily practice. The skills emphasized during this course include gathering patient data, assessing the information to identify problems, developing an individualized care plan, implementing the care plan and monitoring and evaluating the patient. Additional skills include collaborating as an interprofessional team member, safe and accurate dispensing of medications, and contributing to a culture of safety and improvement. The focus is caring for patients with infectious diseases, cardiovascular disorders, and pulmonary disorders with problems that are simple to moderate in complexity. The patient care skills and tasks taught in this course will prepare you to enter hospital practice settings during your Hospital Introductory Pharmacy Practice Experience (HIPPE).

Course Prerequisites:

Successful completion of all Year 1 Pharm.D. program coursework, including milestones.

Course Corequisites:

There are no co-requisites for this course

Course Faculty and Staff	
Course Directors	
Bethany Shoulders, PharmD, BCCCP HPNP 3324 352 – 294 – 8780 brshoulders@ufl.edu	Tracy Leonard, RPh, BCCP, BCACP, CDCES, CPh HPNP 3319 352 – 215 – 1815 tracy.leonard@cop.ufl.edu
Academic Coordinators	
Morgan Milner (GNV) Morgan.milner@ufl.edu	Jessica Linares (ORL) Email: Jnoriegalinaires@ufl.edu
Jaime Welsh (JAX) Email: jaimewelsh@ufl.edu	Nadja Rivera (ORL) Email: nl.riverarivera@ufl.edu
Instructional Designer	
Skylar Johnson, M.A. Email: sky@cop.ufl.edu	
Teaching Faculty	
Tyler Bui, PharmD, BCPS, BCCCP tylermbui@ufl.edu	Anthony Casapao, PharmD, BCIDP, MPH, FIDSA casapao@ufl.edu
Adonice Khoury, PharmD, BCPS akhoury@cop.ufl.edu	Nicole Maranchick, PharmD n.maranchick@ufl.edu
Priti Patel, PharmD ppatel@cop.ufl.edu	Bradley Phillips, PharmD bradnp@cop.ufl.edu
Jason Powell, PharmD, BCACP jpdrams@cop.ufl.edu	Barbara Santevecchi, PharmD, BCIDP bsantevecchi@ufl.edu
Veena Venugopalan, PharmD vvenugopalan@ufl.edu	

[Faculty and Staff: Who to Contact and Questions to Ask](#)

Office Hours: Please see the Canvas course site for posted office hours.

Entrustable Professional Activities

This course will prepare you to perform the following activities which the public entrusts a pharmacist to perform:

1	Collect information necessary to identify a patient's medication-related problems and health-related needs.
2	Assess collected information to determine a patient's medication-related problems and health-related needs.
3	Create a care plan in collaboration with the patient, others trusted by the patient, and other health professionals to optimize pharmacologic and nonpharmacologic treatment.
4	Contribute patient-specific medication-related expertise as part of an interprofessional care team.
5	Answer medication-related questions using scientific literature.
6	Implement a care plan in collaboration with the patient, others trusted by the patient, and other health professionals.
7	Fulfill a medication order.
8	Educate the patient and others trusted by the patient regarding the appropriate use of a medication, device to administer a medication, or self-monitoring test.
9	Monitor and evaluate the safety and effectiveness of a care plan.
10	Report adverse drug events and/or medication errors in accordance with site-specific procedures.
11	Deliver medication or health-related education to health professionals or the public.
12	Identify populations at risk for prevalent diseases and preventable adverse medication outcomes.
13	Perform the technical, administrative, and supporting operations of a pharmacy practice site.

Course Objectives and Educational Outcomes

Course Objectives	Linked Educational Outcome
[1] Utilize an electronic health record (EHR) (EHR Go) to collect relevant information for a specific patient and disease state to assess appropriateness of drug therapy.	Provider Steward
[2] Perform a medication history interview.	Provider Communicator
[3] Perform medication reconciliation for a hospitalized patient.	Provider Communicator
[4] Communicate with other healthcare professionals verbally and in the EHR.	Communicator Collaborator
[5] Document patient care recommendations and interventions in the EHR.	Communicator Provider
[6] Present a succinct oral patient summary and therapeutic plan recommendations to another healthcare provider.	Communicator Collaborator

Course Objectives and Educational Outcomes	
Course Objectives	Linked Educational Outcome
[7] Defend a therapeutic plan in writing and verbally using guidelines and primary literature for patients at risk for or with the following disease states: <ul style="list-style-type: none"> Bacterial infections (e.g. UTIs, pneumonia, strep throat) DVT, PE, AFib Hypertension Hypercholesteremia Smoking Cessation 	Communicator Provider
[8] Recommend appropriate individualized dosing regimens for patients receiving: <ul style="list-style-type: none"> vancomycin aminoglycosides heparin warfarin 	Provider
[9] Recommend appropriate antibiotic therapy for a patient based on patient specific parameters (kidney function, antibiogram, culture and sensitivity data)	Provider
[10] Explain how an antibiotic stewardship program improves patient outcomes, reduces microbial resistance, and decreases the spread of infections.	Steward
[11] Complete IV to PO therapeutic interchanges based on a protocol.	Provider
[12] Counsel a patient on a therapeutic plan.	Provider Communicator
[13] Utilize Motivational Interviewing techniques to encourage a patient to quit smoking.	Communicator
[14] Select appropriate smoking cessation therapy for a motivated patient.	Provider
[15] Demonstrate attributes that promote a professional therapeutic relationship (e.g. empathy, cultural competency) when communicating with a patient and/or their family.	Communicator
[16] Critically appraise recently published journal articles.	Learner
[17] During all skills laboratory simulations and activities: <ul style="list-style-type: none"> Demonstrate altruism, integrity, trustworthiness, flexibility, and respect in all interactions. Display preparation, initiative, and accountability consistent with a commitment to excellence. Deliver patient-centered care in a manner that is legal, ethical, and compassionate. Recognize that one's professionalism is constantly evaluated by others. Demonstrate communication skills with patients, healthcare providers, leadership skills, team skills, professionalism, cultural sensitivity, and patient advocacy. 	Professional

Course Resources and Fees
Course Outline
See Appendix A. Please routinely check your campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

Required Textbooks/Readings
None.
Use UF VPN to access UF Libraries Resources when off-campus. The UF HSC library staff can assist you with questions or issues related to accessing online library materials. For assistance contact your College of Pharmacy librarian or visit the HSC Library Website at this URL: http://www.library.health.ufl.edu/
Suggested Textbooks/Readings
Suggested readings will be posted in Canvas
Other Required Learning Resources
<ol style="list-style-type: none"> Top 300 Drugs Flashcards <ul style="list-style-type: none"> The flashcards are available for free through Access Pharmacy: Health Science Library; Access Pharmacy; Study Tools; Top 300 Drugs Flashcards hUp://accesspharmacy.mhmedical.com/qa.aspx#tab5 EHR Go <ul style="list-style-type: none"> EHR Go is an educational EHR used throughout the PharmD curriculum, including in skills lab, patient care courses and capstones. Students will be expected to purchase a subscription to this program. Create your EHR Go account by going to: http://ehrgo.com. Select Subscribe in the upper, right corner and enter the following Pharmacy Student Program Key: S96Y29 Follow the on-screen instructions to create your account and apply your subscription. Refer to Canvas for more detailed information 2PDs are encouraged to purchase a 2-year Student Subscription
Materials & Supplies Fees
\$7.86 per student

Evaluation and Grading

Student Evaluation & Grading

The Canvas© gradebook will be set-up using the percentages below to compute the grade.

Assessment Item	Grade Percentage
Weekly Pre-Lab Quizzes (n=12; 1.25% each)	15%
Weekly Skills Assessments (n=14; 5% each)	70%
Top 200 Drug Exam	15%
Total	100%

Grading Scale

Percentage	Letter Grade	Percentage	Letter Grade	Percentage	Letter Grade
92.50-100%	A	79.50-82.49%	B-	66.50-69.49%	D+
89.50-92.49%	A-	76.50-79.49%	C+	62.50-66.49%	D
86.50-89.49%	B+	72.50-76.49%	C	59.50-62.49%	D-
82.50-86.49%	B	69.50-72.49%	C-	< 59.50%	E

Rounding of grades:

Final grades in Canvas will be rounded to the 2nd decimal place. If the decimal is X.495 or higher, Canvas

will round the grade to X.50. The above scale depicts this policy and grades are determined accordingly. Grade assignment is made using this policy and NO EXCEPTIONS will be made in situations where a student's grade is "close."

University of Florida Honor Pledge and Academic Dishonesty

UF students are bound by The Honor Pledge which states "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Expectations for Artificial Intelligence and when use constitutes academic dishonesty is outlined below.

Tendering information (giving your work to another to be copied, giving someone answers to assessment questions, informing another person in a later section about the questions that appear on an assessment that you have taken, or giving or selling a paper to another student), is considered academic dishonesty.

Students are required to report any condition that facilitates academic misconduct to appropriate personnel. Failure to report is also considered academic dishonesty. If you have any questions or concerns, please consult the course's Teaching Partnership Leader/Course Director or Assistant Dean for Curricular Affairs.

See the [UF Conduct Code website](#) for more information. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Assignment Descriptions

Weekly Pre-Lab Quizzes

Weekly pre-lab quizzes will be administered online through Canvas. Quizzes will consist of knowledge related to that week's module and covered during pre-lab preparatory activities (e.g., videos and readings). Quizzes will consist of multiple choice, true/false, or case-based questions. Weekly pre-lab quizzes will be completed at the start of each lab session. Performance on quizzes is an individual effort and collaboration is not permitted.

Students who arrive after the start of the pre-lab quiz will be given a paper copy and only allowed the remaining time to complete the quiz. (E.g. a student who arrives 3 minutes after the start of the pre-lab quiz will be given a paper copy and allowed the 7 minutes remaining to complete the quiz).

If you have an excused absence from lab, you will be excused from taking the quiz (EX in the gradebook). No make-up quizzes will be offered.

Quiz questions/answers for pre-lab quizzes in skills labs will not be released to students. This is consistent with the patient care courses. Faculty may choose to clarify difficult questions and students are encouraged to come talk to the faculty if they have questions about what they missed on a specific prelab quiz.

Top 200 Drug Exam

This will consist of 75 multiple choice questions taken from the drug cards (approximately 25 of the questions will come from 1PD drugs). The exam will be administered via Examssoft or other approved formats.

Eligible content includes the brand name(s), generic name, drug class, dosage form (including how supplied), category/common FDA label indication, MOA, Box Warnings, Briggs Pregnancy **Recommendation ONLY IF "CONTRAINDICATED"** (meaning patients shouldn't use it during pregnancy), and common adverse reactions

(>10%), key patient counseling points.

Students must obtain **80% or better on this exam**. Those who do not achieve this score will retake the exam (maximum of two retakes permitted). The score earned on the first attempt will be the score which will be used for determining the course grade.

This is a self-taught portion of the course and students are responsible for preparing themselves for the exam. A list of the drugs that will appear on the examination will be released at the beginning of the course.

In the event of a REAL EMERGENCY (illness, sudden death in the family), a make-up examination may be provided and is at the discretion of the teaching partnership leader.

We will be using the Top 200 (300) Drug Cards available for free to students and faculty through Access Pharmacy. A list of the drugs students are expected to know each semester will be posted on Canvas.

Exam is **ALWAYS** cumulative: any card, any info, any drug that they've been assigned previously is fair game.

Course-Related Policies

UF Resources and Policies

University of Florida resources and policies can be found at this URL: <https://go.ufl.edu/syllabuspolicies>

PharmD Course Policies

The Policies in the following link apply to this course. Review the General [Pharm.D. Course Policies](#) carefully, at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>

Attendance Policy

Attendance is mandatory for active learning sessions such as team-based learning sessions, case discussions, laboratory sessions, and other activities that the instructor designates as required. This course has 14 required sessions (Skills Lab). A student who misses greater than 3 session(s) for this course will receive an incomplete in the course and will retake the course during the next offering, resulting in delayed graduation.

Makeup Assignments

Makeup assignments may be required for excused absences from all laboratory sessions. Students will be contacted if a make-up assignment is due. Students should complete the make-up assignment within one week of the missed session.

Late Assignments

Pre-class assignments are due before your lab session, unless otherwise noted. Pre-lab assignments must still be completed even if you are absent from Skills Lab. In-class assignments are due before the end of the lab session, unless otherwise noted. Please verify that documents have been uploaded correctly to receive full credit on the assignment. Point deductions may result for late assignments.

- 0-24 hours late: 25% reduction of the earned score (max score possible: 75%)
- 24-48 hours late: 50% reduction of the earned score (max score possible: 50%)

48 hours late: Assignment will be assigned a score of 0

Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. ExamSoft™ Testing Platform
2. Canvas™ Learning Management System

For technical support, navigate to [Educational Technology and IT Support Contact Information](#) at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/technical-help/>

Artificial Intelligence Use

The use of generative AI in *assessments* is prohibited, unless explicitly allowed by the course instructor.

Course-Related Policies

Assessments include any submitted work, graded or ungraded, that will be evaluated. These include, but are not limited to, quizzes, exams, assignments, writing projects, etc. If a student is uncertain about the use of AI technology, it is the student's responsibility to ask the instructor prior to beginning the assignment or assessment.

When authorized by the course director/course instructors, students may use AI technologies in the completion of an assessment if they acknowledge all use by naming the technology, describing how it was employed, and adhering to any other requirement stipulated in the assessment's instructions. Failure to acknowledge the use of AI technology or disregarding instructions related to the use of AI for assessments is considered academic misconduct. Students must disclose the use of AI and AI-assisted technologies by following the instructions below.

Application of AI technology must be done with human oversight and control, and students should carefully review and edit the result, as AI can generate outputs that can be incorrect, incomplete, or biased. **Students assume full responsibility for all content, including errors and omissions, if AI is employed.** Additionally, privacy is a concern with AI-generated content. Most commercially available AI systems are not compliant with [HIPAA](#) or FERPA protections, inputting patient or student information is prohibited by federal law.

Instructions to acknowledge the use of AI:

Statement: During the preparation of this assignment I/we, [INSERT NAME/S], used [INSERT TOOL / SERVICE] in order to [INSERT REASON OR PURPOSE]. After using this tool/service, I/we reviewed and edited the content as needed and take full responsibility for the content of the submission.

Penalties for unauthorized use:

Unauthorized use of AI text generators for assessments is considered evidence of academic dishonesty (see [policy on academic dishonesty](#)).

Disability Resource Center

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See the [Get Started with the DRC webpage](#) on the Disability Resource Center site. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation Process

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online. Students can complete evaluations in three ways:

1. The email they receive from GatorEvals,
2. Their Canvas course menu under GatorEvals, or
3. The central portal at <https://my-ufl.bluera.com>

Guidance on how to provide constructive feedback is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Appendix A: Course Outline

Date	Mod#	Lab Session	Contact Time (hr)	Objectives	Module Leader	Facilitators
08/12/25	1	Session 1: EHR in the Hospital	2	1,17	Bethany Shoulders	Anthony Casapao, Bethany Ruth Shoulders, Tracy Leonard, Tyler Bui
08/19/25	2	Session 2: Medication Reconciliation	2	1,2,3,4,5,17	Tracy Leonard	Anthony Casapao, Tracy Leonard, Tyler Bui
08/26/25	3	Session 3: Journal Club	2	16,17	Priti Patel	Anthony Casapao, Priti Patel, Tracy Leonard, Tyler Bui
09/02/25	4	Session 4: Infectious Disease in the Community	2	6,7,9,10,12,17	Tyler Bui	Anthony Casapao, Tracy Leonard, Tyler Bui
09/09/25	5	Session 5: Individualized Dosing of Antibiotics	2	8,9,17	Nicole Maranchick	Anthony Casapao, Nicole Maranchick, Tracy Leonard, Tyler Bui
09/16/25	6	Session 6: Infectious Disease in the Hospital	2	4,6,7,8,9,10,17	Barbara Santevecchi & Veena Venugopalan	Anthony Casapao, Barbara Santevecchi, Tracy Leonard, Tyler Bui, Veena Venugopalan
09/30/25	7	Session 7: Presenting Patients	2	1,4,6,7,9,10,17	Bethany Shoulders	Anthony Casapao, Bethany Ruth Shoulders, Tracy Leonard, Tyler Bui
10/07/25	8	Session 8: SOAP Notes and More	2	1,4,5,7,8,17	Tyler Bui	Anthony Casapao, Tracy Leonard, Tyler Bui
10/14/25	9	Session 9: IV to PO Conversions	2	4,5,11,17	Adonice Khoury	Adonice Paul Khoury, Anthony Casapao, Tracy Leonard, Tyler Bui
10/21/25	10	Session 10: Cardiovascular Care in the Community: Hypertension and Hyperlipidemia	2	2,4,6,7,12,15,17	Jason Powell	Anthony Casapao, Jason Powell, Tracy Leonard, Tyler Bui
10/28/25	11	Session 11: Cardiovascular Medication Management in the Hospital	2	4,6,7,8,17	Adonice Khoury	Adonice Paul Khoury, Anthony Casapao, Tracy Leonard, Tyler Bui
11/04/25	12	Session 12: Cardiovascular Care in the Community: Anticoagulation	2	2,4,6,7,12,15,17	Jason Powell	Anthony Casapao, Jason Powell, Tracy Leonard, Tyler Bui
11/10/25	13	Session 13: Presenting Patients Part 2	2	1,4,6,7,9,17	Bethany Shoulders	Anthony Casapao, Bethany Ruth Shoulders, Tracy Leonard, Tyler Bui
11/18/25	14	Session 14: Smoking Cessation	2	12,13,14,15,17	Bradley Phillips	Anthony Casapao, Bradley Phillips, Tracy Leonard, Tyler Bui

Appendix B: Lab Schedules

Gainesville		
Session 1	8:00 am-9:50am	Teams 1-5
Session 2	10:00 am-11:50am	Teams 6-10
Session 3	1:00 pm-2:50pm	Teams 11-16
Session 4	3:00 pm-4:50pm	Teams 17-21
Jacksonville		
Session 1	1:00pm-2:50pm	Teams 22-24
Session 2	3:00pm-4:50pm	Teams 25-28
Orlando		
Session 1	8:00am-9:50am	Teams 29-32
Session 2	10:00am-11:50am	Teams 33-37
Session 3	1:00pm-2:50pm	Teams 38-42