UF College of Pharmacy UNIVERSITY of FLORIDA

PHA5162L Professional Practice Skills Laboratory II
Spring 2026 | 1 *Credit Hour – [A-E Grading]*

This course introduces foundational patient care skills and essential tasks that a pharmacist is expected to perform in daily practice. You will be asked to integrate knowledge, skills and attitudes while practicing foundational skills including interviewing a patient who seeks self- care, researching and answering drug information questions, assisting patients and caregivers in addressing insurance/prescription coverage, dispensing medications in a community setting, and displaying professionalism. These basic skills provide a foundation for provision of patient care/pharmacy practice during years 2 through 4. The patient care skills and tasks taught in this course will prepare you to enter community practice settings during your first Introductory Pharmacy Practice Experience.

Course Prerequisites: PHA5161L Professional Skills Lab I
***Course Corequisites*:** PHA5561: Pathophysiology & Patient Assessment II; PHA5515: Principles of Medicinal Chemistry and Pharmacology II; PHA5132: Principles of Drug Therapy Individualization I; PHA5781: Patient Care 1; PHA5244: Principles of Evidence-Based Practice; PHA5703: Principles of Law & Ethics

Course Faculty and Staff	
Course Director	**Instructional Designer**
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Stacey Curtis, Pharm.D. Email: scurtis@cop.ufl.edu	Cary Mobley, RPh, Ph.D. Email: mobley@cop.ufl.edu

Faculty and Staff: Who to Contact and Questions to Ask

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

Faculty Locations:

Gainesville	PEP: HPNP 2336 CSP: MSB P1-20
Jacksonville	Tower 2, First Floor
Orlando	UFRAC 420

Course Objectives and Educational Outcomes	
Course Objectives	**Linked Educational Outcome**
1. Given a patient case, select appropriate vaccines using an immunization schedule from the Advisory Committee on Immunization Practices (ACIP), and identify appropriate timing, doses, and routes of administration.	Provider Promoter
2. Perform a patient screening for vaccination eligibility and identify valid contraindications for vaccinations.	Communicator Provider
3. Demonstrate appropriate technique for giving a subcutaneous and intramuscular vaccination. Compound non-parenteral products using appropriate calculations, pharmaceutical components, and techniques. Specific non-parental products you will prepare in this course include: powders, capsules, oral liquids, and suppositories.	Communicator Provider
4. Communicate medication errors to other health-care team members using structured communication techniques (e.g., SBAR – situation, background, assessment, recommendation).	Communicator
5. Identify common medication errors and potential medication errors in the community setting.	Provider
6. Report concerns about medication safety through an appropriate process in a simulated community setting.	Communicator Provider
7. Recommend and counsel on herbal supplements.	Provider Communicator
8. Collect basic subjective and objective evidence from a patient who seeks self-care, by interviewing the patient using an organized structure and specific questioning technique (e.g. SCHOLAR-MAC) to assist patients with their over the counter first aid and skin care needs.	Communicator Provider
9. Demonstrate the ability to perform a point of care test (e.g., diabetes).	Provider
10. Compare and contrast over-the-counter devices for patient self-testing and provide counseling to a patient on appropriate use of such devices.	Provider Communicator
11. Collect basic subjective and objective evidence from a patient who seeks self-care, by interviewing the patient using an organized structure and specific questioning technique (e.g. SCHOLAR-MAC) to assist patients with their over-the-counter needs.	Provider Communicator
12. Utilize drug information resources and tools within the community pharmacy setting to formulate a response to a drug information question posed from a patient/caregiver or health care professional.	Provider Communicator
13. Interpret patient data gathered during a self-care consultation and identify actual or potential drug- related problems.	Provider Problem Solver
14. Provide counseling to a patient or caregiver seeking self-care including any need for referral.	Provider Communicator

Entrustable Professional Activities
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/prescription.
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 Resources and Fees

Course Outline

See Appendix A. Please routinely check your Google 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

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/

No required textbooks for this course.

Suggested Textbooks/Readings

Will be posted on Canvas.

Other Required Learning Resources

1. APhA Immunization Certification course & materials (cost $140)
2. Top 300 Drugs Flashcards: The flashcards are available for free through Access Pharmacy: https://accesspharmacy.mhmedical.com/qa.aspxgroupid=955
3. Electronic Device with Webcam: Students are also required to bring their laptops or tablet devices with webcam capabilities to each class session in order to take pre-lab quizzes via Canvas.

Materials & Supplies Fees

The fees associated with this course are $21.20.

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=9	20%
Weekly Performance Assessments and Assignments, n=13 (none in Module 1, two in Module 6)	25%
OSCE	30%
Top 200 Drug Exam	20%
APhA Immunization Certification Course	5%
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. 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 completed at the start of the lab session each week. Quizzes will consist of 10 multiple-choice, true-false, or case- based questions and will cover a combination pre-lab study material and content for that week's module. The quizzes will also include 5 additional questions based on medications from the Top 200 Drug List.

Weekly Performance Assessments and Assignments: For each module, in-lab activities will consist of specific performance assessments related to the content of the prior module. Objectives for this course will primarily be assessed by weekly performance assessments. Performance assessments will include tasks and skills required of a pharmacist including collecting and interpreting subjective and objective patient information through patient interview, measuring vital signs, conducting health screenings, and compounding of non-sterile preparations. Weekly performance assessments will be evaluated using grading rubrics or checklists specific to that task or activity. Assessments may be evaluated individually or in teams. Rubric/checklist criteria and expectations for the in-lab assessments will be posted for each module prior to the start of lab.

OSCE (Objective Structured Clinical Exam): Consist of several stations/encounters in which a student must interact with a patient or solve a clinical problem.

Top 200 Drug Exam: This proctored exam will consist of 75 multiple choice questions taken from the Top 200 Drugs. The final exam will consist of 25 questions from the fall list and 50 questions from the spring list. A Spreadsheet of the drugs will be provided. Eligible content includes brand name, generic name, therapeutic classification, and main indication.

Students are required to achieve a score of 80% or better on the Top 200 Final Exam. Those who do not achieve this score will retake the exam (maximum of two retakes permitted). This grade is also tracked within the Milestones course. Please see that course syllabus for minimum performance requirements and how the results are used as milestone assessments. The score earned on the first attempt will be the score which will be used for determining the course grade. Students who fail to obtain a passing score after three attempts will fail the course. Failing to pass this course may result in a student's progression through the curriculum being delayed. 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.

APhA Immunization Certification Course: The APhA Immunization Course is made up of multiple components: 12 hours home study, 8 hour live education, physical assessment, and final examination.

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 15 required sessions (lab sessions, OSCE, immunization live session). 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 **absences** from Skills Lab Sessions. Students should follow up with their Skills Lab faculty to schedule the make-up assignment(s). In addition, for excused absences students will be responsible for working with their teammates/classmates to review missed material. If students want to review material in more detail, please attend office hours or set up a time with your campus coordinator. Students will be required to make up the missed module before TBD date. Failure to make up an assignment will result in a zero in the gradebook. Makeup assignments will not be accepted past the deadline.

Late Assignments

Assignments **unrelated to absences** that are submitted late will have the following deductions in addition to grading for accuracy and completeness:

- Less than 24 hours late: 25% reduction of the percentage score available on an assignment
  - For example, student earns 18/20 on assignment which is 90% was 6 hours late so gets 25% reduction. 90-25% = 65%. 0.65 x 20 = 13. Students will receive 13/20 in gradebook.
- 24-48 hours late: 50% reduction of the percentage score available on an assignment
  - For example, student earns 18/20 on assignment which is 90% was 46 hours late so gets 50% reduction. 90-50% = 40%. 0.4 x 20 = 8. Students will receive 8/20 in gradebook.
- More than 48 hours late: Assignment will be assigned a score of zero

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 (AI) Use for Assessments

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

Guidance on Using AI Tools for Learning

You are welcome to use AI tools to support your learning in this course, including for tasks such as brainstorming, outlining, or summarizing complex topics. However, please be aware that AI-generated content may contain false or misleading information. It is your responsibility to critically evaluate and fact-check any information you use. For all assessments, your responses should be based on the content provided in course materials and lectures.

To protect instructional content and comply with university policies, if you choose to create your own study aids using AI, instructor materials (e.g., PowerPoint slides, lecture transcripts, course handouts) may only be uploaded to university-supported, secure platforms such as the Navigator suite of AI tools (https://it.ufl.edu/ai/) or Microsoft Copilot (https://copilot.microsoft.com/) using your GatorLink credentials. When using Navigator AI, students should select a model approved for handling sensitive data. Individual instructors may choose not to permit the use of their instructional materials with AI tools. Any course materials that are restricted from AI use will be communicated to students through the course learning management system, Canvas.

Students are prohibited from uploading instructor materials to open or non-university-supported AI tools unless they have received written permission from the course instructor. Students are expected to use AI tools responsibly and must not upload any content that violates copyright laws or terms of use. If you are unsure whether an AI tool is appropriate to use, please consult the instructor.

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

** **Disclaimer:** *The sequence and timing of modules, activities, and course content are subject to change based on scheduling needs or unforeseen circumstances. Any adjustments will be communicated to students as early as possible.*

Date	Mod#	Unit Topic	Contact Hours	Faculty
	1	Module 1: Powders	1.0hr	Cary Mobley
1/5/26		Skills Lab Session 1	2.0hr	
1/9/26		Mandatory APhA Immunization Course - via Zoom		Stacey Curtis
	2	Module 2: Capsules	1.0hr	Cary Mobley
1/12/26		Skills Lab Session 2	2.0hr	
1/15/26		Mandatory APhA Immunization Course - via Zoom		Stacey Curtis
	3	Module 3: Immunizations	1.0hr	Stacey Curtis, Eric Egelund
1/26/26		Skills Lab Session 3 / Mandatory APhA Immunization Course - via Zoom	2.0hr	
1/28/26 & 1/30/26		Mandatory APhA Immunization Skills Check Off - In Person		Stacey Curtis, Angelina Vascimini, Eric Egelund, Akash Alexander
	4	Module 4: Liquids	1.0hr	Cary Mobley
2/2/26		Skills Lab Session 4	2.0hr	
	5	Module 5: Suppositories	1.0hr	Cary Mobley
2/16/26		Skills Lab Session 5	2.0hr	
	6	Module 6: SBAR	1.0hr	Stacey Curtis
2/23/26		Skills Lab Session 6	2.0hr	
	7	Module 7: Med Errors	1.0hr	Eric Egelund

Date	Mod#	Unit Topic	Contact Hours	Faculty
3/9/26		Skills Lab Session 7	2.0hr	
	8	Module 8: Herbals	1.0hr	Oliver Grundmann
3/23/26		Skills Lab Session 8	2.0hr	
	9	Module 9: Diabetes	1.0hr	Angelina Vascimini
3/30/26		Skills Lab Session 9	2.0hr	
4/1/26		Calculations Exam		
	10	Module 10: Introduction to Self Care - Pain & Fever	1.0hr	Angelina Vascimini
4/6/26		Skills Lab Session 10	2.0hr	
	11	Module 11: First Aid and Skin	1.0hr	Eric Egelund
4/13/26		Skills Lab Session 11	2.0 hr	
	12	Module 12: Cough, Cold, Allergies	1.0hr	Akash Alexander
4/20/26		Skills Lab Session 12	2.0hr	
4/21/26		Top 200 Exam		Angelina Vascimini
4/22/26		OSCE Review - Open Lab		
4/27/26 - 5/4/26		OSCEs		
5/6/26		Lab Make-Up Session		
5/8/26		OSCE Make-Up Session		
	13	Module 13: GI	1.0hr	Akash Alexander
5/11/26		Skills Lab Session 13	2.0hr	