

# PHA5161L Professional Practice Skills Lab I

Fall 2023

*1 Credit Hours – [A-E Grading]*

*Looking to change the world one patient at a time? Wanting to improve the lives of patients in your community? Then look no further!*

*The Professional Practice Skills Lab series will prepare you to be an exceptional patient advocate who serves patients on a daily basis. Our course will help you develop the tools you need to become an amazing pharmacist! Certain fundamental skills are necessary to reach the pinnacle of pharmacy practice. You will be taught these skills and will learn to integrate them with knowledge and attitudes, including patient interviewing, documenting patient care activities, patient assessment, promoting health and wellness, solving pharmaceutical calculations, preparing non-sterile compounds, and displaying professionalism. Everything you learn in our course will provide a strong foundation for you to excel in practice during years 2 through 4. Additionally, our course will prepare you to enter community practice settings during your first Introductory Pharmacy Practice Experience (IPPE), where you will engage with real patients.*

## Teaching Partnership Leaders

Angelina Vascimini, Pharm.D., BCACP

- Email: [avascimini@ufl.edu](mailto:avascimini@ufl.edu)
- Office: HPNP 3306
- Phone: 352-273-6224

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

*See Appendix A. for Course Directory of Faculty and Staff Contact Information.*

## Entrustable Professional Activities

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

1. Collect information to identify a patient's medication-related problems and health-related needs.
2. Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs.
3. Establish patient-centered goals and create a care plan for a patient in collaboration with the patient, caregiver(s), and other health professionals that is evidence-based and cost-effective.
4. Implement a care plan in collaboration with the patient, caregivers, and other health professionals.
5. Follow-up and monitor a care plan.
6. Identify patients at risk for prevalent diseases in a population.
7. Maximize the appropriate use of medications in a population.

8. Fulfill a medication order.

## Course-Level Objectives

Upon completion of this course, the student will be able to:

1. Understand the role of the pharmacist within the healthcare system.
2. Describe how low health literacy and health disparities related to access, culture, gender, and geography impacts healthcare.
3. 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.
4. Collect basic subjective and objective evidence related to patient, medications, allergies/adverse reactions, and disease by interviewing the patient and by gathering data from chat/electronic health records, pharmacist records, and patient/family interviews.
5. Demonstrate empathic attributes that promote a professional therapeutic relationship with patients and their families through organized structure and specific questioning techniques.
6. Document appropriate information needed from patients and providers to accurately fill prescriptions.
7. Collect and disseminate pertinent information needed to transfer prescriptions.
8. Assist patients and caregivers in addressing insurance/prescription coverage.
9. Provide counseling to a patient or caregiver on a new prescription in a simulated community pharmacy setting.
10. Perform health screenings by measuring basic vital sign assessment and interpret data for a simulated patient.
11. Interpret patient data for a cardiovascular patient to identify basic drug-related issue and counsel the patient on lifestyle modifications.
12. Interpret patient data for a respiratory patient to identify basic drug-related issues and counsel the patient on the proper use of respiratory devices to improve patient outcomes.

## Course Pre-requisites

1. Admission to the Doctor of Pharmacy Program. ***Congrats you made it!***

## Course Co-requisites

1. PHA5103 Principles of Patient-Centered Care
2. PHA5007 Population Health
3. PHA5700C Personal & Professional Development I
4. PHA5560 Pathophysiology & Patient Assessment I
5. PHA5439 Principles of Medicinal Chemistry and Pharmacology I
6. PHA5176 Drug Delivery Systems

## Course Outline

See Appendix. 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.

This course is offered in a blended learning format that utilizes a weekly module-based design that combines pre-laboratory online learning with face-to-face laboratory instruction and performance-based assessment. The student should expect 1 to 2 hours of pre-laboratory preparation and 2 hours of

laboratory contact time per week.

Following certain labs, a 1-hour debrief will take place via Zoom. Students are encouraged to attend live to enhance the discussions. Sessions will be recorded for later viewing. Laboratory debriefs will allow course instructors to provide feedback on class performance for in-lab activities and simulations and allow students the opportunity to clarify questions on course content. Course instructors will also provide key take home points for the specific module and tips to enhance performance during future assessments.

## Required Textbooks/Readings

1. Top 300 Pharmacy Drug Cards – Available for free on Access Pharmacy at <https://accesspharmacy.mhmedical.com/ga.aspx?groupid=955>

## Suggested Textbooks/Readings

1. Nemire RE, Kier KL, and Assa-Eley M (2023). Pharmacy Student Survival Guide, 4<sup>th</sup> edition. McGraw-Hill Education. ISBN: 978-1-264-27856-5. Available through Access Pharmacy at <https://accesspharmacy.mhmedical.com/book.aspx?bookid=3269>
2. Herrier RN, Apgar DA, Boyce RW, and Foster SL (2015). Patient Assessment in Pharmacy. McGraw-Hill Education. ISBN: 978-0-07-175194-0. Available through Access Pharmacy at <http://accesspharmacy.mhmedical.com/Book.aspx?bookid=1074>

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/>

## Other Required Learning Resources

1. 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 and record simulated patient interactions for upload and later review.

## Materials & Supplies Fees

\$6.67

## Student Evaluation & Grading

Evaluation Methods and How Grades are calculated.

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

*Table 1.1 Evaluation and Grading*

Assessment Item	Description	Grade Percentage
<b>Weekly Pre-Lab Quizzes</b>	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	24%

Assessment Item	Description	Grade Percentage
	cover a combination pre-lab study material and content for that week's module. The quizzes may also include additional questions based on medications from the Top 300 List. Pre-Lab Quizzes will occur in Modules 1 - 12.	
<b>Weekly Performance Assessments and Assignments</b>	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 in addition to the Mini OSCE simulation exam. 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. Each assessment is worth 1% of the overall grade. 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. (See Appendix C for example rubric)	12%
<b>Mini OSCE Simulation Exams</b>	Objective Structured Clinical Exams (OSCEs) consist of several stations/encounters in which a student must interact with a patient or solve a clinical problem. A mini-OSCE is a smaller version of a final/milestone OSCE and consists of 2 to 3 stations that will evaluate skills learned in modules prior to the scheduled mini-OSCE.	28%

Assessment Item	Description	Grade Percentage
	<p>Students will be assigned a specific time to complete their simulation exam. Please check your local campus schedule. Performance will be evaluated using rubrics or checklists for both active (stations that include speaking to a mock patient or provider) and passive (stations involving a problem on a computer or sheet of paper) stations.</p> <ul style="list-style-type: none"> <li>• Simulation Exam, Part 1 – 7%</li> <li>• Simulation Exam, Part 2 – 7%</li> <li>• Simulation Exam, Part 3 – 7%</li> <li>• Simulation Exam, Part 4 – 7%</li> </ul>	
<b>Self-Assessments</b>	<p>Students will record themselves completing specific module assessments (listed below) on their personal device. Then the student will upload their performance assessment video and complete the self-reflection assignment in canvas.</p> <p>This applies to the following module assessments:</p> <p>Module 4: Intro to patient interviewing  Module 5: Communication techniques  Module 9: Intro to patient counseling  Module 10: Intro to vital signs  Module 11: Intro to the cardiovascular patient  Module 12: Intro to the respiratory patient</p>	6%
<b>Top 200 Drugs Exam</b>	<p>This exam will consist of 50 multiple choice questions taken from the Top 300 Drugs. A list of the drugs will be provided. Eligible content includes brand name, generic name, drug class, and indication. Those who do not achieve this score will retake the exam (maximum of two retakes permitted). This grade is also tracked within the Personal and Professional Development course. Please see that</p>	15%

Assessment Item	Description	Grade Percentage
	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. 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.	
<b>SIG Code Exam</b>	This exam will complete SIG Codes used by healthcare providers when prescribing medications. A list of SIG Codes will be provided. The student is responsible for translating SIG Codes and converting words to SIG Code	15%
<b>Total</b>		100%

*Table 1.2 Grading Scale*

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

62.50-66.49%	D
59.50-62.49%	D-
< 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."

**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 artificial intelligence (AI) text generators such as ChatGPT on assignments, projects, quizzes, and exams is prohibited in this course. Use of AI text generators is considered evidence of academic dishonesty. 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.

**Pharm.D. 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/>

**Makeup Assignments**

Makeup assignments may be required for excused absences from all Active Learning Sessions. Students should follow-up with their Skills Lab faculty to schedule the makeup assignment(s).

**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 zero

**Course Specific Policies**

The Policies in the following link apply to Skills Lab courses. Review the Skills Lab Policies carefully at this URL: <https://curriculum.pharmacy.ufl.edu/current-students/course-policies/skills-lab-policies/>

**Weekly Pre-Lab Quizzes**

Quizzes will consist of multiple choice, true/false, or case-based questions. Additionally, each quiz may contain questions in relation to the list of Top 200 drugs and SIG Codes for the semester. Weekly pre-lab

quizzes will be completed at the start of each lab session. **If you are tardy for lab, you will not be allowed to take the pre-lab quiz and will receive a zero. If you have an excused absence from lab, you will be excused from taking the quiz (EX in the gradebook). No makeup 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 pre-lab quiz.

### **Weekly Assessments**

Assessments will take place the week following the lab activity and consist of individual and team format. Assessments will be completed during the lab session. After each assessment, students will receive individual feedback for improvement. Additional opportunities for students to practice skills learned in lab are available upon request.

### **Course Information**

The course format and session time is subject to change at any time based on unforeseen circumstances that may arise during the semester including but not limited to inclement weather or a global pandemic. Such changes will be announcement using the "Announcements" function in Canvas. If this should occur, the announcement will state "PLEASE READ – URGENT MESSAGE – SCHEDULE CHANGE" in the subject line to alert students that a change has been made.

## **Accessibility and Belonging Statement**

The University of Florida College of Pharmacy strives to stimulate a culture that promotes diversity and inclusion within an exceptional community of students, faculty, and staff. It is our intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit.

We intend to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let us know ways to improve the course's effectiveness for you personally or for other students or student groups.

If any of our class meetings conflict with any of your religious events, an excused absence will be provided when requested using the standard UF COP process as detailed in the [UF COP Course policies](#).

If you feel that you have experienced or witnessed any bias/treatment that falls short of these expectations, you may submit a report through the UF [COP Student Mistreatment Report](#).

## **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 via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.



# Appendix A. Course Directory

## Teaching Partnership Leader/Course Director(s):

Angelina Vascimini, Pharm.D., BCACP

- Email: [avascimini@ufl.edu](mailto:avascimini@ufl.edu)
- Office: HPNP 3306
- Phone: 352-273-6224

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

### Questions to Ask:

- Concerns about performance
- Guidance when there are performance problems (failing grades)
- General questions about content

## Other Teaching Partnership Faculty Members:

Stacey Curtis, Pharm.D.

- Email: [scurtis@cop.ufl.edu](mailto:scurtis@cop.ufl.edu)
- Office: GNV Campus
- Phone: 352-273-6232

Eric Egelund, Ph.D., Pharm.D.

- Email: [eegeund@cop.ufl.edu](mailto:eegeund@cop.ufl.edu)
- Office: JAX Campus
- Phone: 904-244-9876

Bradley Phillips, Pharm.D.

- Email: [bradnp@ufl.edu](mailto:bradnp@ufl.edu)
- Office: ORL Campus
- Phone: 407-313-7118

## Instructional Designer:

Chris Egan, M.Ed., NRP, CHSE, CHSOS

- Email: [cegan@ufl.edu](mailto:cegan@ufl.edu)
- Phone: 352-294-5636

## Academic Coordinator Gainesville Campus:

Ashley Williams

- Email: [acwilliams@ufl.edu](mailto:acwilliams@ufl.edu)
- Office: HPNP 4309
- Phone: 352-273-9951

## Educational Coordinators:

**Katie Orben**

- Email: [korben06@ufl.edu](mailto:korben06@ufl.edu)
- Office: Jacksonville Campus
- Phone: 904-244-9590

**Jessica Linares**

- Email: [jnoriegalinares@ufl.edu](mailto:jnoriegalinares@ufl.edu)
- Office: Orlando Campus
- Phone: 407-313-4087

**Questions to Ask:**

- Issues related to course policies (absences, make up exams, missed attendance)
- Absence/tardy requests (Only the Academic Coordinator handles absence requests)
- Questions about dates, deadlines, meeting place
- Availability of handouts and other course materials
- Assignment directions
- Questions about grade entries in gradebook (missing grades, incorrect grade)
- Assistance with ExamSoft® (Distance campus students may contact the Educational Coordinator for use of Examplify and assistance during exams. The Academic Coordinator is the contact person for issues related to grading and posting of ExamSoft grades.)

## Appendix B: Course Outline: See Link Below

<b>Date / Time</b>	<b>Mod #</b>	<b>Activity</b>	<b>Activity Title</b>	<b>Contact Time (hr)</b>	<b>Responsible</b>
	1	Module	Module 01 Orientation and Introduction to Community Pharmacy	1	Angelina Vascimini
08/21/23	1	Lab	Skills Lab Session 01	2	Angelina Vascimini, Bradley Phillips
	2	Module	Module 02 Introduction to Health Literacy and Health Disparities	1	Stacey Curtis
08/28/23	2	Lab	Skills Lab Session 02	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund, Stacey Curtis
09/04/23			LABOR DAY HOLIDAY - NO SCHOOL		
	3	Module	Module 03: Introduction to Drug Information in the Pharmacy	1	Stacey Curtis
09/11/23	3	Lab	Skills Lab Session 03	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund, Stacey Curtis
	4	Module	Module 04 Introduction to Patient Interviewing	1	Angelina Vascimini
09/18/23	4	Lab	Skills Lab Session 04	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	5	Module	Module 05: Communication Techniques	1	Angelina Vascimini
09/25/23	5	Lab	Skills Lab Session 05	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	6	Module	Module 06: New Prescriptions in the Pharmacy - Part 1	1	Angelina Vascimini
10/02/23	6	Lab	Skills Lab Session 06	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	7	Module	Module 07: New Prescriptions in the Pharmacy - Part 2	1	Angelina Vascimini
10/09/23	7	Lab	Skills Lab Session 07	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	8	Module	Module 08: Introduction to Prescription Insurance	1	Stacey Curtis

<b>Date / Time</b>	<b>Mod #</b>	<b>Activity</b>	<b>Activity Title</b>	<b>Contact Time (hr)</b>	<b>Responsible</b>
10/16/23	8	Lab	Skills Lab Session 08	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund, Stacey Curtis
	9	Module	Module 09 Introduction to Patient Counseling - Gator Way	1	Angelina Vascimini
10/23/23	9	Lab	Skills Lab Session 09	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	10	Module	Module 10 Introduction to Vital Signs and Community Health Screening	1	Angelina Vascimini
10/30/23	10	Lab	Skills Lab Session 10	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
	11	Module	Module 11 Introduction to the Cardiovascular Patient and Point of Care Testing	1	Angelina Vascimini
11/06/23	11	Lab	Skills Lab Session 11	2	Angelina Vascimini, Bradley Phillips, Eric Free Egelund
11/09/23 at 1-3pm		Exam	Top 200		Angelina Vascimini
	12	Module	Module 12 Introduction to the Respiratory Patient and Inhaler Counseling	1	Eric Free Egelund
11/13/23	12	Lab	Skills Lab Session 12		Angelina Vascimini, Bradley Phillips, Eric Free Egelund
11/14/23 at 1-2pm		Exam	SIG CODE EXAM		Angelina Vascimini
12/1/23 at 10am – 12pm		Lab	Open Lab - Review for Mini-OSCE - Skills Lab Make-up		Angelina Vascimini, Bradley Phillips, Eric Free Egelund
11/27/23		Exam	MINI-OSCE		Angelina Vascimini
12/15/23 at 10am - 12pm		Exam	Top 200 (Make Ups/Retakes)		Angelina Vascimini
12/6/23 at 12 – 12:30pm		Course Eval	Course Evaluations		