

# PHA5162L Professional Skills Lab II

Spring, 2021

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 into community practice settings during your first Introductory Pharmacy Practice Experience*

## Teaching Partnership Leader

Stacey Curtis, Pharm.D.

- Email: [scurtis@cop.ufl.edu](mailto:scurtis@cop.ufl.edu)
- Office: HPNP 2336
- Phone: 352-273-6232
- Office Hours: Please see 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:

### Patient Care Provider Domain

1. Analyze information to determine the effects of medication therapy, identify medication-related problems, and prioritize health-related needs.
2. Collect information to identify a patient's medication-related problems and 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. Follow-up and monitor a care plan.
5. Implement a care plan in collaboration with the patient, caregivers, and other health professionals.

### Population Health Promoter Domain

6. Identify patients at risk for prevalent diseases in a population.
7. Maximize the appropriate use of medications in a population.

### Practice Manager Domain

8. Fulfill a medication order.

## Course-Level Objectives

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

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.
2. Perform a patient screening for vaccination eligibility and identify valid contraindications for vaccinations.
3. Demonstrate appropriate technique for giving a subcutaneous and intramuscular vaccination.
4. Communicate medication errors to other health-care team members using structured communication techniques (e.g. SBAR – situation, background, assessment, recommendation).
5. Identify common medication errors and potential medication errors in the community setting.
6. Report concerns about medication safety through an appropriate process in a simulated community setting.
7. 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.
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).
9. Demonstrate the ability to perform a point of care test (e.g., diabetes, lipids screening).
10. Compare and contrast over-the-counter devices for patient self-testing and provide counseling to a patient on appropriate use of such devices.
11. Recommend and counsel on herbal supplements.
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.
13. Interpret patient data gathered during a self-care consultation and identify actual or potential drug-related problems.
14. Provide counseling to a patient or caregiver seeking self-care including any need for referral.
15. Provide counseling to a patient or caregiver on a new prescription in a simulated community pharmacy setting.
16. Assist patients and caregivers in addressing insurance/prescription coverage.

## Course Pre-requisites.

1. PHA5161L Professional Practice Skills Lab I

## Course Co-requisites

1. PHA5561 Pathophysiology and Patient Assessment II
2. PHA5515 Principles of Medicinal Chemistry and Pharmacology II
3. PHA5132 Principles of Drug Therapy Individualization

## 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.

For locations and times of lab sessions, view Appendix B Lab Location & Sessions.

## Required Textbooks/Readings

This course does not have a required text. Presenters may require additional materials or readings to supplement the lecture material.

- 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

None.

## Other Required Learning Resources

1. Top 300 Drugs Flashcards: The flashcards are available for free through Access Pharmacy: <http://accesspharmacy.mhmedical.com/qa.aspx#tab5>
2. Stethoscope: Students are required to purchase one of the following stethoscopes - 3M Littman Lightweight II S.E. 28 inch stethoscope or the 3M Littman Classic II S.E. 28 inch stethoscope.
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 and record simulated patient interactions for upload and later review.

## Materials & Supplies Fees

30\$

## 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.]

Assessment Item	Grade Percentage
Weekly Pre-Lab Quizzes	20%
Weekly Performance Assessments	25%
APhA Immunization Certification Course	5%
Top 200 Drug Exam	20%
OSCE	30%
<b>Total</b>	<b>100%</b>

Table 1.1 Evaluation and Grading Above

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/>

## 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/>

## Course Specific Policies

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

## Milestone Descriptions

### Top 200 Drugs Milestone

The top 200 drug milestone is an examination delivered in each semester of the Professional Practice Skills lab sequence. The examination will include information about the most frequently prescribed medications. For more information about the content and structure of this examination and how it will

contribute to your grade in the Professional Practice Skills Lab course, please refer to the syllabus for that course. The score of this examination is also considered a milestone. The minimum passing score for successful completion of this milestone is 80% for the first professional year of the curriculum and 73% for second and third professional years of the curriculum.

### **APhA Immunization Certificate**

The APhA Immunization Certificate program is required for all students in the first professional year of this program. The program is designed by the American Pharmacists Association and delivered to all first professional year pharmacy students. The minimum performance standard to pass this milestone is to successfully complete all aspects of the program as deemed appropriate by APhA and complete all necessary submissions to earn the certificate. All students are required to submit the appropriate paperwork to the Florida Board of Pharmacy to be "Certified to Immunize". Once this final step is completed, students will receive full credit for this assignment. Failure to complete the final step by May 1<sup>st</sup> will result in the failure of the milestone and the student will receive zero credit for this assignment in canvas.

### **Objective Structured Clinical Examination (OSCE)**

The OSCE will be a direct observation of your clinical skills that includes 12 stations (6 active and 6 passive). During this examination students will be required to interact with actors portraying patients/other healthcare providers known as Standardized Patients / Standardized Providers. Students will also be required to solve common problems encountered in clinical practice. This examination is administered as part of the Professional Practice Skills Lab course series. The raw score earned for this assessment will be applied to the course grade in the Professional Practice Skills Lab. Any student who does not meet the minimum passing score must review the failed materials and remediate the stations that the student did not pass. More information is available about OSCE remediation upon request.

## **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:

**Stacey Curtis, Pharm.D.**

Email: [scurtis@cop.ufl.edu](mailto:scurtis@cop.ufl.edu)

Office: HPNP 2336

Phone: 352-273-6232

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

### Questions to Ask:

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

## Other Teaching Partnership Faculty Members:

**Eric Egelund, Pharm.D., Ph.D. – Jacksonville Campus**

Email: [eegeund@cop.ufl.edu](mailto:eegeund@cop.ufl.edu)

Phone: 904-244-9876

**Oliver Grundman, Ph.D.**

Email: [grundman@ufl.edu](mailto:grundman@ufl.edu)

Phone: 352-246-4994

**Joshua Pullo, Pharm.D. – Orlando Campus**

Email: [jpullo@cop.ufl.edu](mailto:jpullo@cop.ufl.edu)

Phone: 407-313-7031

## Instructional Designer:

Name: TBA

- Email: [TBA](#)
- Office: TBA
- Phone: TBA

## Academic Coordinator Gainesville Campus:

Name: Misti Merrill

• Email: [mmerrill@cop.ufl.edu](mailto:mmerrill@cop.ufl.edu)

• Office: HPNP 4312

• Phone: 352-273-5617

Absence/Tardy Email: [absent1pd@cop.ufl.edu](mailto:absent1pd@cop.ufl.edu) (Visit the course policy site for further instructions)

## **Educational Coordinator Jacksonville Campus:**

**Name: McKenzie Wallen**

- Email: [mwallen@cop.ufl.edu](mailto:mwallen@cop.ufl.edu)
- Office: Jacksonville Campus

## **Educational Coordinator Orlando Campus:**

**Name: Iverta Allen**

- Email: [iallen1@cop.ufl.edu](mailto:iallen1@cop.ufl.edu)
- Office: Orlando Campus

### **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 Exemplify and assistance during exams. The Academic Coordinator is the contact person for issues related to grading and posting of ExamSoft grades.

## **Appendix B: Lab Locations & Sessions**

### **Gainesville:**

Location: Pharmacy Skills Lab

Sessions:

- Session 1: 8:30am-10:25am, Teams 1 – 7
- Session 2: 10:40am-12:35pm, Teams 8 – 14
- Session 3: 1:55pm-3:50pm, Teams 15 – 21
- Session 4: 4:05pm-6:00pm, Teams 22 – 27

### **Jacksonville:**

Location: COP Lab

Sessions:

- Session 1: 8:30am-10:25am, Teams 28 – 32
- Session 2: 10:40am-12:35pm, Teams 33 – 36

### **Orlando:**

Location: Room 435

Sessions:

- Session 1: 8:30am-10:25am, Teams 37 – 42
- Session 2: 10:30am-12:25pm, Teams 43 – 48
- Session 3: 2:00pm-3:55pm, Teams 49 – 54



## Course Outline

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.

Student Dates of Recommended Study	Mod#	Activity	Unit Topic	Contact Time HR	Objectives	Responsible
01/04/2021	01	Module	Module 01: APhA Immunization Certificate Training Program			Stacey Curtis, Eric Egelund, Joshua Pullo
01/08/2021			<b>Zoom Immunization Course</b>	<b>8</b>		
		Video Lecture	Immunization Lab Resources	0.3		
		Video Lecture	Vaccine App	0.1		
		Video Lecture	EpiPen Use	0.2		
		Video Other	Injection Technique	0.2		
		Video Lecture	FluMist Demonstration	0.1		
		Video Lecture	Overcoming Medical Fears and Phobias	0.3		
01/11/2021		Lab	Skills Lab Session 01: APhA Immunization Certificate Training Program	2		
01/13/2021			<b>Immunization Skills Check-Off</b>	<b>1</b>		
01/18/2021			MLK DAY – No Lab			
01/20/2021	02	Module	Module 02: Introduction to SBAR Communication			Stacey Curtis
		Video Lecture	Communicating with Other Health Care Team Members Using SBAR	0.75		Stacey Curtis
		Video Other	Sample Video: Bad SBAR <a href="https://www.youtube.com/watch?v=AmZKJ3JAPsE">https://www.youtube.com/watch?v=AmZKJ3JAPsE</a>	0.1		Stacey Curtis
		Video Other	Sample Video: Good SBAR <a href="https://www.youtube.com/watch?v=fsazEArBy2g">https://www.youtube.com/watch?v=fsazEArBy2g</a>	0.1		Stacey Curtis
		Video Other	Sample Video: Check Back <a href="https://www.youtube.com/watch?v=ekX289e3-Uo">https://www.youtube.com/watch?v=ekX289e3-Uo</a>	0.1		Stacey Curtis
01/25/2021		Lab	Skills Lab Session 02:	2		Stacey Curtis
01/25/2021		Quiz In-class Graded	Module 02 Pre lab quiz	0		
01/27/2021	03	Module	Module 03: Introduction to Medication Errors	0		Eric Egelund

02/01/2021		Lab	Skills Lab Session 03: Introduction to Medication Errors	2		
02/01/2021		Quiz In-class Graded	Module 03 Pre lab quiz			
02/01/2021		Performance Assessments	Module 02 Performance Assessment Module 03 Performance Assessment			
02/03/2021	4	Module	Module 04: Compounding			Cary Mobley
		Video Lecture	Compounding preparation instructional video	1		
02/08/2021		Lab	*Skills Lab Session 04: Compounding	1		
02/10/2021	5	Module	Module 05: Compounding			Cary Mobley
		Video Lecture	Compounding preparation instruction video	1		
02/15/2021	5	Lab	*Skills Lab Session 05: Compounding	1		
02/17/2021	6	Module	Module 06: Compounding			Cary Mobley
		Video Lecture	Compounding preparation instructional video	1		
02/22/2021	6	Lab	*Skills Lab Session 06: Compounding	1		
02/24/2021	7	Module	Module 07: Compounding			Cary Mobley
		Video Lecture	Compounding preparation instructional video	1		
03/01/2021	7	Lab	*Skills Lab Session 07: Compounding	1		
03/08/2021			OFF WEEK			
03/10/2021	8	Module	Module 08: Introduction to Herbal Supplements	0		Oliver Grundman
		Video Lecture	Intro to Herbals 1	0.3		
		Video Lecture	Intro to Herbals 2	0.4		
03/15/2021	8	Lab	Skills Lab Session 08: Introduction to Herbal Supplements	2		
03/15/2021		Quiz In-class Graded	Module 08 Pre lab quiz	0		
03/17/2021	9	Module	Module 09: Introduction to First Aid and Skin Care	0	1,2,3	Chardae' Whitner and Eric Egelund
		Video Lecture	First Aid and Skin Care Overview	0.75		

		Video Lecture	Lice and Ring Worm	0.2		
		Video Lecture	Bed Bugs and Scabies	0.5		
		Reading	OTC Acne Treatment	0.25		
		Reading	Lice Treatment	0.25		
		Video Other	<u>Phases of Wound Healing</u> <a href="https://www.youtube.com/watch?v=zZpMQ_7qiRg">https://www.youtube.com/watch?v=zZpMQ_7qiRg</a>	0.1		
		Video Other	<u>When to Stitch - video1</u> <a href="https://www.youtube.com/watch?v=aJngmefJyY">https://www.youtube.com/watch?v=aJngmefJyY</a>	0.05		
		Video Other	<u>When to Stitch - video 2</u> <a href="https://www.youtube.com/watch?v=FPLmIOKVadQ">https://www.youtube.com/watch?v=FPLmIOKVadQ</a>	0.05		
		Video Other	<u>Strain, Sprains, and Wrapping Video 1</u> <a href="https://www.youtube.com/watch?v=WwhFALn7DN4">https://www.youtube.com/watch?v=WwhFALn7DN4</a>	0.05		
		Video Other	<u>Strain, Sprains, and Wrapping Video 2</u> <a href="https://www.youtube.com/watch?v=iQ6OesdfWSk">https://www.youtube.com/watch?v=iQ6OesdfWSk</a>	0.05		
		Video Other	<u>Steps of Wound Care</u> <a href="https://www.youtube.com/watch?v=PMRrZi4K6LQ">https://www.youtube.com/watch?v=PMRrZi4K6LQ</a>	0.05		
		Video Other	<u>Sunscreen Video</u> <a href="https://www.youtube.com/watch?v=9aFm087_XWg">https://www.youtube.com/watch?v=9aFm087_XWg</a>	0.05		
<b>03/22/2021</b>	9	Lab	Skills Lab Session 09: First Aid and Skin Care	2		
<b>03/22/2021</b>		Quiz In-class Graded	Module 09 Pre lab quiz	0		
<b>03/22/2021</b>		Performance Assessment	Module 08 Performance Assessment	0		
<b>03/24/2021</b>	10	Module	Module 10: Introduction to Diabetic Patient	0	3,12,13	Joseph Dabringer and Christina DeRemer
		Video Lecture	Patient Assessment -- The Endocrine System	1.0		
		Video Other	Home Blood Glucose Monitoring	0.1		
		Video Other	Drawing and Preparation of Diabetic Injections	0.2		
		Reading	Hypoglycemia (Low Blood Glucose) - American Diabetes Association Website	0.25		
<b>03/29/2021</b>	10	Lab	Skills Lab Session 10: Introduction to Diabetic Patient	2		

03/29/2021		Quiz In-class Graded	Module 10 Pre lab quiz	0		
03/29/2021		Performance Assessment	Module 09 Performance Assessment	0		
03/31/2021	11	Module	Module 11: Patient Assessment: Introduction to Allergies, Cough and Cold	0	1,2,3,4,8,11	Joshua Pullo
	11.1	Video Lecture	Cold, Cough and Pain	1		
		Reading	Handbook for Non-Prescription Drugs: Chapter 11 and Chapter 12	0.25		
		Other	Review: Materials from Patient Care 1 on Self-Care for Cough, Cold and Pain	0		
04/05/2021	11	Lab	Skills Lab Session 11: Patient Assessment: Introduction to Cough, Cold, and Pain	2		
04/05/2021		Quiz In-class Graded	Module 11 Pre lab quiz	0		
04/05/2021		Performance Assessment	Module 10 Performance Assessment	0		
04/07/2021	12	Module	Module 12 Patient Assessment: Introduction to the Gastrointestinal System	0	1,2,9,15	Joshua Pullo
	12.1	Video Lecture	Patient Assessment: Gastrointestinal System	1.0		
		Reading	Handbook for Non-Prescription Drugs: Ch. 13, Ch. 16 and Ch. 19	0.25		
		Other	Review materials from Patient Care 1 on Self-Care for Gastrointestinal System	0		
04/12/2021	12	Lab	Skills Lab Session 12: Patient Assessment: Introduction to the Gastrointestinal System	2		
04/12/2021		Quiz In-class Graded	Module 12 Pre lab quiz	0		
04/12/2021		Performance Assessment	Module 11 Performance Assessment	0		
04/14/2021	13	Module	Module 13 Patient Assessment: Introduction to Fever and Pain	0	1,2,15	Colleen Courey and Lihui Yuan
	13.1	Video Lecture	Intro to Fever and Pain	0.8		

	13.2	Video Other		0.2		
04/19/2021	13	Lab	Skills Lab Session 13: Patient Assessment: Introduction to Fever and Pain	2		
04/19/2021		Quiz In-class Graded	Module 13 Pre lab quiz	0		
04/19/2021		Performance Assessment	Mod 12 Performance Assessment	0		
04/19/2021		Performance Assessment	Mod 13 Performance Assessment	0		
04/23/2021 at 8:30am - 10:30am		Exam	TOP 200	2		Stacey Curtis
04/26/2021 8:00am-12:00pm		Lab	OSCE Review - Open Lab			Stacey Curtis, Eric Egelund, Joshua Pullo
04/28/2021 - 05/05/2021		Exam	OSCE's	0		Stacey Curtis
			<b>Contact Hours</b>	48		

\*Lab has been adjusted due to COVID-19 guidelines. Each lab session number of students will be split in half therefore students will only be in skills lab for one hour during the compounding weeks. See the weekly announcement for details.