

PHA5214 Advanced Topics in Community Pharmacy Practice

Spring 2023

2 Credit Hours – [A-E Grading]

To be a successful community pharmacist who practices at the fullest extend of their professional license, pharmacists must understand the important of adding clinical services to pharmacy workflow, entrepreneurial activities, and best practices to meet the needs of the institution, its stakeholders, and most importantly, its patients.

Teaching Partnership Leaders

Stacey D. Curtis, Pharm.D.

- Email: scurtis@cop.ufl.edu
- Office: HPNP 2336
- Phone: 352-273-6232

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. EPA C2. Recommend solutions to needs in the medication use system and the healthcare system.
2. EPA D1. Demonstrate soft-skills in daily practice, including interprofessional team collaboration (e.g., interpersonal communication, professionalism, cultural sensitivity, innovative mindset).
3. EPA D2. Exhibit commitment to patients and the community by serving as an advocate and leader.
4. EPA D3. Demonstrate responsibility for personal and professional development.
5. EPA E1. Safely and accurately dispense medications within a medication use system including supervision of pharmacy technicians.
6. EPA E2. Assist patients and caregivers to obtain their medications and related para-pharmaceuticals in an affordable manner that meets their healthcare needs. (Requires utilization of knowledge of private and public health insurance options)

Course-Level Objectives

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

1. Classify the elements of entrepreneurship and entrepreneurial processes

2. Identify opportunities for expanding patient-centered services in the pharmacy setting using point-of-care (POC) testing
3. Discuss collecting patient reported symptoms, medical history, and medication allergies using the Pharmacist Patient Care Process (PPCP)
4. Describe physical assessments, when appropriate to patient care, which may include but are not limited to vital signs and statistics: blood pressure, pulse, respiratory rate, oxygenation, cervical lymph node inspection, body temperature, throat exam, and skin assessment
5. Describe and perform the following specimen collections used in point-of-care testing: throat swab, nasal swab, and finger stick blood collection
6. Identify patients who should receive testing and treatment for minor, nonchronic conditions and uncomplicated infections
7. Recognize “red flags” to treatment indicating more severe illness and appropriate actions such as when to refer to other healthcare provider
8. Apply concepts to patient-specific cases focusing on influenza, streptococcus, and other minor infections
9. Discuss strategies and techniques for writing and entering into a successful point-of-care protocol agreement
10. Develop policies and procedures for a CLIA-waived laboratory practice site

Course Pre-requisites

Completion of all courses through Block 4 and CIPPE.

Course Co-requisites

None

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.

Required Textbooks/Readings

N/A

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 on Canvas.

Other Required Learning Resources

Access to APhA eLearning Management System

Materials & Supplies Fees

\$135.00 for the APhA course

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	Grade Percentage
APhA Module Quizzes (4 @5% each, first attempt counts as grade)	20%
Zoom Participation Assignments (2 @ 5% each)	10%
Future of Pharmacy Assignment	5%
Team Protocol Project	20%
APhA T&T Technique Assessment Form	5%
Pharmacy Field Trip Participation	10%
APhA Final Online Assessment & Evaluation (Final Exam)	20%
APhA Certificate Upload	10%
TOTAL	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
3. APhA eLearning 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/>

Makeup Assignments

No makeup assignments will be administered or provided.

Late Assignments

Late assignments will be accepted at a 25% reduction of grade. After an assignment is late by 3 days, it will be entered as a zero grade.

Respect for Diversity

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.bluer.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):

Stacey D. Curtis, Pharm.D., CPH

- Email: scurtis@cop.ufl.edu
- Office: HPNP 3302
- Phone: 352-273-6232

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:

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

- Email: eegeund@cop.ufl.edu
- Office: JAX
- Phone: 904-244-9590

Angelina Vascimini, Pharm.D., BCACP

- Email: avascimini@ufl.edu
- Office: HPNP 3306
- Phone: 352-273-6224

Instructional Designer:

Chris Egan, M.Ed., NRP

- Email: cegan@ufl.edu
- Phone: 352-294-5636

Academic Coordinator Gainesville Campus:

Hanna Stallard

- Email: hstallard@ufl.edu
- Office: HPNP 4309
- Phone: 352-273-6312

Educational Coordinators:

Katie Orben

- Email: korben06@ufl.edu
- Office: Jacksonville Campus
- Phone: 904-244-9590

Andrea M Arredondo

- Email: aarredondo1@cop.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 Exemplify 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

Date / Time	Mod #	Activity	Activity Title	Contact Time (hr)	Responsible
04/26/23	0	Lecture Video	Watch: Welcome Video	0.16	Stacey Curtis
	1	Module	Module 1: Advancing Pharmacy Practice		
04/26/23	1.1	Lecture Video	Community Pharmacy Over the Years	0.6	Stacey Curtis
04/26/23	1.2	Reading	The Pharmacist of the Future: https://www2.deloitte.com/us/en/insights/industry/health-care/future-of-pharmacists.html	1	Stacey Curtis
Due 4/27/23 at 1:30pm		Assignment (Graded)	Future of Pharmacy (upload)		
04/27/23 2:00 4:00pm	1	Active Learning Session Zoom	Active Learning Session 1 (via Zoom)	2	Eric Free Egelund
04/27/23	1	Quiz (In Class)	Participation Quiz: based on information from ALS		
	2	Module	Module 2: APhA Test & Treat		
04/27/23	2	Other	APhA Registration Instructions	0.1	
Due 04/30/23 at 11:59pm	2	Assignment (Ungraded)	APhA Payment Receipt Upload		
04/27/23	2	Other	APhA Review Guide	0.1	Angelina Vascimini
04/28/23		Video Other	Watch: APhA Module 1	3	APhA Website
04/28/23		Quiz (Online)	APhA Module 1 Quiz		APhA Website
05/01/23		Video Other	Watch: APhA Module 2	3	APhA Website
05/01/23		Quiz (Online)	APhA Module 2 Quiz		APhA Website
05/02/23		Video Other	Watch: APhA Module 3	3	APhA Website
05/02/23		Quiz (Online)	APhA Module 3 Quiz		APhA Website
05/03/23		Video Other	Watch: APhA Module 4	3	APhA Website
05/03/23		Quiz (Online)	APhA Module 4 Quiz		APhA Website
05/04/23 at 9:00am 5:00pm		Lab	Skills Lab Session	8	Eric Free Egelund
Due 5/4/23 at 7:00pm		Assignment (Graded)	APhA T&T Technique Assessment Form		
05/05/23	3	Module	Module 3: Best Practices in Community Pharmacy		
05/05/23	3.1	Video Other	Intrapreneurship vs Entrepreneurship by Federico Re (YouTube)	0.06	Stacey Curtis
05/05/23	3.2	Video Other	Watch: Intrapreneur vs Entrepreneur by UM Center for Entrepreneurship (YouTube)	0.04	Stacey Curtis

Date / Time	Mod #	Activity	Activity Title	Contact Time (hr)	Responsible
05/08/23 at 9:00am - 5:00pm		Active Learning Session	Field Trip	3	
05/08/23		Assignment (Graded)	Field Trip Participation		
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 1 Episode 5 with Theresa Tolle	0.6	
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 1 Episode 4 with Gallop Franklin	0.6	
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 1 Episode 7 with Shane Abbott	0.4	
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 2 Episode 2 with Kevin Duane	0.2	
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 2 Episode 3 with Kevin Duane	0.2	
05/09/23	3.3	Other	Florida RxPerts Podcast - Season 2 Episode 7 with Doug Hoey and Hugh Chancy	0.6	
Due 5/10/23 at 9:30pm		Assignment (Graded)	Team Protocol Assignment		
05/10/23 at 10:00am 12:00pm	2	Active Learning Session Zoom	Active Learning Session 2 (via Zoom)	2	Eric Free Egelund
05/10/23		Quiz (In Class)	Participation Quiz: based on information from ALS		
05/11/23 at 12:00 2:00pm		Exam	APhA Final Online Assessment and Evaluation ***This will be on Zoom***	2	
Due 5/11/23 at 4pm		Assignment (Graded)	APhA T&T Certificate Upload		
			TOTAL CONTACT HOURS	31.5	

Appendix C: Project Grading Rubric

	Incomplete (0 pts)	Partially complete (5 pts)	Complete (10 pts)
1. Purpose	No purpose included	One or more of the following not included in statement: patient population, disease state, necessary test (if applicable)	Patient population, disease state being treated, and necessary tests included in Purpose Statement
2. Pharmacist education and training	No education or training included	Protocol includes prior education/training, but no mention of maintaining knowledge/skills	Protocol includes BOTH prior education and maintenance of knowledge/skills
3. Criteria: Inclusion and exclusion	No inclusion criteria are included No exclusion criteria included	Only 1 of inclusion or exclusion criteria is included; or, minimal number of inclusion/exclusion criteria are included; or missing criteria, which if not included could result in patient harm	The majority of expected inclusion and exclusion criteria are included.
4. Medications to be used for treatment	No medications are listed for treatment purposes if medications are required.	Listing of only one medication when alternate medications may be available (e.g., listing only one of zanamivir, baloxavir, or oseltamivir for Flu chemoprophylaxis)	All medications that are available are listed.
5. Procedures for initiation of therapy	No mention of procedures required for initiation of therapy	Missing relevant medical or social history and/or missing appropriate evaluation of contraindications and precautions	Includes relevant medical and social history; includes contraindications and precautions

	Incomplete (0 pts)	Partially complete (5 pts)	Complete (10 pts)
6. Procedures for monitoring and continuation of therapy	No inclusion of any monitoring or continuation of therapy	Follow-up included but no monitoring. Monitoring procedures don't sufficiently address procedures for urgent/immediate care	All expected procedures for monitoring are provided, including if urgent/immediate care is required, and terms for a follow-up
7. Patient Education	Inappropriate medication counseling	Incomplete medication counseling (missing 2 or more required components; dependent upon Protocol Type)	All expected medication counseling is included (dependent upon Protocol Type)
8. Necessary documentation	No documentation Included.	Only one document listed when more are required	Documentation of parental consent Documentation required for dispensing of medication Documentation of patient education
9. Notifications	No notifications included.	Provides a place in the protocol to notify PCP, but not if patient does not have a PCP	Protocol contains Notification of primary care provider (PCP). If patient has no PCP notice that all requirements of the protocol are met
10. Terms & References	No references or terms provided	Missing Reference section but includes Terms of Protocol; or missing Terms but includes Reference section	All expected references and Terms of the protocol are provided