PHA5727 Principles of Systems Based Practice  
Fall 2019 
1 Credit Hour – [A-E Grading]

Pharmacists practice in a complex and evolving US healthcare delivery system of government and private health insurance programs. The purpose of this course is to introduce the student to the medication use system and role of pharmacists in various practice settings within the US healthcare system. In addition, this course will introduce medication safety and quality improvement with a focus on patient advocacy.

Teaching Partnership Leader

Stacey D. Curtis, Pharm.D.  
- Email: scurtis@cop.ufl.edu  
- Office: HPNP 2336/GNV  
- Phone: 352-273-6232  
- Office Hours: By Appointment only

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:

Practice Manager Domain

13. Oversee the pharmacy operations for an assigned work shift.
   ST13.1. Implement pharmacy policies and procedures.
   ST13.2. Supervise and coordinate the activities of pharmacy technicians and other support staff.
   ST13.3. Assist in training pharmacy technicians and other support staff.
   ST13.5. Identify pharmacy service problems and/or medication safety issues.
   ST13.6. Maintain the pharmacy inventory.
   ST13.8. Interpret pharmacy quality and productivity indicators using continuous improvement quality techniques.
   ST13.9. Assist in the preparation for regulatory visits and inspections.

14. Fulfill a medication order.
ST14.1. Enter patient-specific information into an electronic health or pharmacy record system.
ST14.5. Determine the patient co-pay or price for a prescription.
ST14.6. Ensure that formulary preferred medications are used when clinically appropriate.
ST14.7. Obtain authorization for a non-preferred medication when clinically appropriate.

Course-Level Objectives

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

1. Describe the US healthcare system and the relationship of medication use systems.
2. Identify major health insurance programs providing medical and pharmacy benefits to US citizens.
3. List elements of a managed prescription drug benefit that help manage the cost and utilization rate of prescription benefits, and the impact on pharmacy practice.
4. Identify drug attributes used to assess drug value by drug formulary decision makers in managed care plans and hospitals.
5. Describe how to identify authorized patient medication disposal locations in Florida.
6. Describe the purchasing and distribution process of controlled substances in both community and hospital settings.
8. Describe the medication use system in both community and hospital settings (ie, procurement, storage, prescribing, transcription, dispensing, administration, monitoring, and documentation).
9. Describe the role of the pharmacist in impacting the safety and efficacy of each component of a typical medication use system (i.e., procurement, storage, prescribing, transcription, dispensing, administration, monitoring, and documentation).
10. Describe how pharmacy information systems and automation is used to support safe and efficient drug distribution in a community or hospital setting.
11. Identify non-distributive pharmacy services provided by a hospital pharmacist.
12. Describe strategies and the role/responsibilities of the pharmacist in safety and quality improvement in different practice settings.
13. Describe how managed care plan pharmacists use Medicare Stars measures to improve drug outcomes and safety.
14. Describe the role of The Joint Commission and the National Patient Safety Goals to improve patient outcomes and safety in health-systems.

Course Pre-requisites

1. Admission to the Doctor of Pharmacy program.

Course Co-requisites

There are no co-requisites for this course.
Course Outline

See Appendix B. 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

There is no required textbook for this course. Required readings will be posted in Canvas.

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

There are no suggested readings for this course.

Other Required Learning Resources

N/A

Materials & Supplies Fees

None

Student Evaluation & Grading

Evaluation Methods and How Grades are calculated.

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<tr>
<th>Assessment Item</th>
<th>Grade Percentage</th>
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<tr>
<td>Quizzes [4]</td>
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<tr>
<td>End of Class Activities and Professionalism</td>
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<td>Assignments</td>
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<td>30%</td>
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<td>Total</td>
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**Note that late assignments will NOT be accepted and a grade of zero will be given for the respective assignment.**
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: https://curriculum.pharmacy.ufl.edu/current-students/technical-help/

Pharm.D. Course Policies

The Policies in the following link apply to this course. Review the Pharm.D. Course Policies carefully, at this URL: https://curriculum.pharmacy.ufl.edu/current-students/course-policies/

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

Stacey D. Curtis, Pharm.D.
- Email: scurtis@cop.ufl.edu
- Office: HPNP 2336/GNV
- Phone: 352-273-6232
- Office Hours: By Appointment only

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

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

Instructional Designer:
Holly Fremen
Email: holly.fremen@cop.ufl.edu
Office: HPNP 4309
Phone: 352-273-5558

Academic Coordinator
Natalie Hasty
Email: nataliehasty@cop.ufl.edu
Office: HPNP 4312
Phone: 352-273-6002
Absence/Tardy Email: absent1pd@cop.ufl.edu
(Visit the course policy site for further instructions)

Educational Coordinators

McKenzie Wallen
Email: mwallen@cop.ufl.edu
Office: Jacksonville Campus

Iverta Allen
Email: 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 Examplify® and assistance during exams. The Academic Coordinator is the contact person for issues related to grading and posting of ExamSoft grades.)
Other Teaching Partnership Faculty Members:

Christina E. DeRemer, 
PharmD., BCPS, BCACP, FASHP
Email: cderemer@ufl.edu
Office: HPNP 3306/GNV
Phone: 352-273-6224

Teresa E Roane
Pharm.D., MBA, BCACP
Email: troane@cop.ufl.edu
Office: Gainesville East Campus
Phone: (352) 273-9692
<table>
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