

# PHA5029C Personal and Professional Development IX

Spring - 2021

0.5 Credit Hour – [Satisfactory/Unsatisfactory]

---

*This is the last course of a nine course series. It is offered during the fourth year of the doctor of pharmacy degree program. The purpose of this PPD VII-IX course series is to solidify the skills, attitudes, and values that are essential for achieving high performance in healthcare practice and in achieving personal career success. This is the final course of four sequential courses that serve as an anchor for the co-curriculum and a home for tracking achievements of performance milestones. This course provides a summary to the 10 pharmacist attributes (self-awareness, professionalism, innovation and entrepreneurship, leadership, problem solving/critical thinking, interprofessional collaboration, communication, education, patient advocacy, cultural awareness) that have been learned across these four courses. The focus of this course will be on pulling these attributes together while enrolled in advanced pharmacy practice experiences. This course series also provides students with the opportunity to apply their skills related to Continuing Professional Development to prepare for the NAPLEX and MPJE exams required for pharmacist licensure after graduation.*

---

## Teaching Partnership Leader

Priti Patel, Pharm.D., BCPS

- Email: [ppatel@cop.ufl.edu](mailto:ppatel@cop.ufl.edu)
- Phone: 813-252-0892
- 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:

### **Patient Provider**

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. *(I was thinking this links to the patient advocacy and cultural sensitivity modules.)*

### **Interprofessional Team Member**

6. Collaborate as a member of an interprofessional team.

### **Population Health Promoter**

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

### **Educator**

11. Educate patients and professional colleagues regarding the appropriate use of medications.

**Self-developer**

15. Create a written plan for continuous professional development.

## Course-Level Objectives

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

1. Demonstrate the performance expected for each of the following pharmacist attributes:
  - a. Problem-solver
  - b. Educator
  - c. Patient Advocate
  - d. An Includer via cultural sensitivity
  - e. Interprofessional Collaborator
  - f. Communicator
  - g. Self-awareness
  - h. Leadership
  - i. Innovative mindset
  - j. Professionalism
2. Provide direct patient care in a variety of healthcare settings.
3. Contribute effectively as a member of an interprofessional collaborative team.
4. Document personal and professional development in an electronic portfolio.
5. Demonstrate the continuing professional development process.
6. Complete 5 hours of co-curricular activities (live continuing education sessions) that contribute to achieving your professional goals.
7. Apply Continuing Professional Development (CPD) skills to guide preparation for the NAPLEX and MPJE Board exams. Specifically, the student shall document each of the following:
  - a. Reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit performance when taking the NAPLEX and MPJE exams upon graduation.
  - b. Design a personal development plan to guide preparation.
  - c. Implement the learning plan by using resources such as those available in Access Pharmacy, ExamMaster, and RxPrep.
  - d. Evaluate achievement of the learning plan including evidence of learning successes, challenges and attainment of mastery.

## Course Pre-requisites

1. Completion of Block 18 of the Doctor of Pharmacy Curriculum including Milestones (end of 3<sup>rd</sup> year).
2. Completion of PHA5028C Personal and Professional Development VIII (second course in year 4)

## Course Co-requisites

1. Concurrently taking at least one Advanced Pharmacy Practice Experience (APPE) during Block 19

## Course Outline

- This course is intended to be self-paced with all course elements to be completed by the conclusion of the final course in this series. Below is a description of all the content in the course series. Students are required to complete all course elements by the conclusion of this course.

Please routinely check the Canvas course site for any messages about changes in the schedule including deadlines.

<b><i>Date Recommend ed Dates for Independent Study</i></b>	<b><i>Unit Topic</i></b>	<b><i>Contact Hours [hr.]a</i></b>	<b><i>Faculty Author</i></b>	<b><i>Learning Objectives Covered</i></b>
<b>01/13/2021 @11:59pm</b>	Assignment: Syllabus Agreement (Canvas)		Patel	
<b>01/18/2021 @11:59pm</b>	Assignment: Submit revised Licensure Readiness Learning Plan (Canvas)		Buring	7
<b>02/15/2021 @11:59pm</b>	Assignment: MPJE assignment #1		Buring	7
<b>02/15/2021 @11:59pm</b>	Assignment: Complete 4 hours of live (face-to-face) Continuing Education for Pharmacists (Appendix C) (Salesforce)	4.0hr – co- curricular	Patel	6
<b>03/01/2021 @11:59pm</b>	Assignment: MPJE assignment #2		Buring	7
<b>TBA</b>	Attend: Live MPJE review	5.5hr	Buring	7
<b>04/30/2021 @11:59pm</b>	Assignment: Complete Pre-NAPLEX & submit report to Canvas	2.0hr	Buring	7
	Milestone Assessments <ul style="list-style-type: none"> <li>Professionalism (longitudinal)</li> <li>OSCE</li> </ul>		Various	2, 3

## Required Textbooks/Readings

- Shapiro K, Bombatch C, Garrett SD, Veverka A, & RxPrep (Firm). (2021). RxPrep course book: 2021 Naplex course book.
- Dr. C's Ultimate Florida and Federal MPJE Review 2021, ISBN #978-0-578-79449-5

\*\*\*NEW/UPDATED from NABP: [NAPLEX Application Bulletin \(Student Guide for 2020\)](https://nabp.pharmacy/wp-content/uploads/2019/03/NAPLEX-MPJE-Bulletin_July_2020-1.pdf) – Accessed at [https://nabp.pharmacy/wp-content/uploads/2019/03/NAPLEX-MPJE-Bulletin\\_July\\_2020-1.pdf](https://nabp.pharmacy/wp-content/uploads/2019/03/NAPLEX-MPJE-Bulletin_July_2020-1.pdf)

### MPJE RESOURCES

- Florida Statutes
  - Available online: <http://www.leg.state.fl.us/statutes/>
- Florida Administrative Code
  - Available online: <https://www.flrules.org/>
- Live MPJE Law Review – provided free by the college; FL MPJE Law Review book will be provided onsite
- Survey of Pharmacy Law – Resource from NABP on Canvas. Includes information for all states and provides comparison tables.

NAPLEX RESOURCES Pre-NAPLEX (Accessible via voucher code) - The Pre-NAPLEX consists of 100 questions and you are allowed 140 minutes to complete. The Pre-NAPLEX content corresponds to the NAPLEX Competency Statements, which can be found in the NAPLEX/MPJE Application Bulletin.

- The Pre-NAPLEX is scored in a similar fashion as the NAPLEX. Although NABP does not claim that a strong performance on the pre-NAPLEX indicates passing the NAPLEX, studies have shown that performance on the Pre-NAPLEX is correlated with NAPLEX scores.
- When you complete the exam, NABP will give you an estimated scaled score based on your answers to the Pre-NAPLEX questions. Evaluating where you are at this point in time will help you identify where you need to focus your additional study time. Download your score report as you will need to upload this to Canvas to document completion.
- You will take the pre-NAPLEX online at the location of your choosing. It is recommended that you create a test-taking environment similar to what you will experience with the NAPLEX. This means a private, quiet location with no study materials, beverages, food, cell phones, etc. See p.20 of the NAPLEX bulletin below for what is not allowed in the testing center. Using reference materials while taking the pre-NAPLEX will skew your performance and will not give you an accurate assessment of your knowledge competency at this point in time.
- RxPrep 2021 Course Book – NAPLEX prep text that is easy to follow, evidence-based, is positively reviewed, and is updated yearly.
- The following resources are available at the HSC Library website:
  - AccessPharmacy: URL for Login: <http://accesspharmacy.mhmedical.com/> How to create a login (if you don't have one): <http://guides.uflib.ufl.edu/pharmd>
    - Resources available:

- Flashcards (online flashcards to review Pharmacotherapy, Pharmacology, Top 100 non prescription drugs and pharmacy calculation review)
- Review questions (Generate MCQs from multiple references). The following references are suggested:
  - 1. Drug Information: A guide for pharmacists -6th edition
  - 2. Lange Q&A Pharmacy, 10th edition
  - 3. McGraw-Hills NAPLEX Review Guide, 3rd edition
  - 4. Medication Therapy Management: A comprehensive approach, 2nd edition
  - 5. Pharmacotherapy Principles and Practice, 4th edition
  - 6. Pharmacotherapy: A Pathophysiologic Approach, 10th edition
  - 7. Pharmacy and Federal Drug Law Review
  - 8. Quick Review: Pharmacy, 13th Edition
  - 9. Workbook and Casebook for Goodman and Gillman's – The Pharmacological Basis of Therapeutics
- Top 300 Prescription Drug Challenge
  - This allows you to test yourself on the top 300 drugs
- Top 300 Drugs Flashcards –
  - Access Pharmacy SHOWDOWN (You and a colleague take turns answering knowledge, quiz-bowl style questions. You can play live or opt in to get email notifications when its your turn. You can also improve your own skills by challenging the computer.)
- NAPLEX Central
  - 1. New -2018 NAPLEX Online Question Bank
  - 2. Lange Q&A Pharmacy, 10th edition
  - 3. McGraw-Hill's NAPLEX Review Guide, 3<sup>rd</sup> edition
  - 4. Quick Review: Pharmacy, 13e
  - 5. The following are relevant to the MPJE:
    - a. Weissman: Pharmacy Practice and tort Law
    - b. Feinberg: Pharmacy Law – Examination and Board Review
    - c. Kosegarten: Pharmacy and Federal Drug Law Review

## Suggested Textbooks/Readings

- RxPrep MPJE Law Review (\$185 X 6 months) – recommended not required
- Pharmacy Exam MPJE (\$35-\$65) pharmacyexam.com – recommended not required
- RxLaw.org – recommended not required
- rxpharmacist.com ("rxu" for 10% off) – recommended but not required

## Other Required Learning Resources

None

## Materials & Supplies Fees

Students will be required to cover any costs associated with participation in live continuing education activities including, but not limited to registration and travel expenses.

\$49.50 for Pre-NAPLEX voucher. Discounted from \$65 due to college ordering and > 100 person discount.

## Student Evaluation & Grading

The Personal and Professional Development IV course series are **pass/fail** courses. Passing requires successful completion of all milestones and course requirements listed. To pass the final course in the series, you must complete all course series elements listed below. At a minimum this should include:

- Submit Learning Plan Part 2 for NAPLEX/MPJE
- Complete and submit MPJE assignments
- Attend live MPJE review
- Complete Pre-NAPLEX exam and submit score report
- Submitting participation of all co-curricular (live continuing education) activities
- Completing of Year 4 milestone assessments

Assessment Item	Deadline	Criteria
<b>Co-Curricular Activity Participation log</b>	February 15, 2021	<ul style="list-style-type: none"> <li>• Complete 4 hours of live continuing education for pharmacists. The events must be offered face-to-face (live webinars will not be permitted), See Appendix C.</li> <li>• Submit activity participation log to <b>Canvas</b>.</li> </ul>
<b>Submit NAPLEX/MPJE Learning Plan Part 2</b>	January 18, 2021	<p>Prepare a written Learning Plan that adds the Planning, Learning, and Evaluation sections to the previously submitted Learning Plan.</p> <p>Upload your revised NAPLEX/MPJE Learning Plan to Canvas.</p> <p>Must earn “acceptable” on each of the above sections (see Appendix C).</p>
<b>Complete MPJE assignments 1 and 2</b>	February 15, 2021 March 01, 2021	Complete and submit to Canvas

Assessment Item	Deadline	Criteria
Attend live MPJE review	TBA	Attend live MPJE review on campus
Complete Pre-NAPLEX exam and upload Pre-NAPLEX score report	April 30, 2021	Complete pre-NAPLEX exam.  Upload your Pre-NAPLEX score report to Canvas.  Students scoring <65% will receive advising.
Year 4 Milestones	End of semester. OSCE dates TBA.	Satisfactory completion of the following milestones that denote readiness for graduation: <ul style="list-style-type: none"> <li>• OSCE</li> <li>• Professionalism</li> </ul>

## Course Specific Policies

### Professionalism Assessments:

Professionalism is an educational outcome of the Pharm.D. program and therefore, is continually assessed. Professional behaviors and attitudes are evaluated at each annual milestone to determine progression and eventual readiness for graduation.

Professionalism will be tracked and assessed utilizing the most current version of the Professionalism Advisement Plan. The current version can be found here: <https://curriculum.pharmacy.ufl.edu/current-students/course-policies/#professionalism>

All quizzes administered in the course are pass/fail. To pass the quiz you must earn 80% on the quiz. You will be provided with 2 attempts to complete the quiz to earn the passing score. If the passing score is not earned on the second attempt, additional assignments will be required for you to complete to demonstrate competence in the content area in order to earn a passing grade for the course.

## Educational Technology Use

The following technology below will be used during the course and the student must have the appropriate technology and software.

1. Canvas™ Learning Management System
2. Salesforce©

For technical support, navigate to [Educational Technology and IT Support Contact Information](http://curriculum.pharmacy.ufl.edu/current-students/technical-help/) 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 [Pharm.D. Course Policies](http://curriculum.pharmacy.ufl.edu/current-students/course-policies/) carefully, at this URL:  
<http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>



# Appendix A. Course Directory

## Teaching Partnership Leader/Course Director:

Priti Patel, Pharm.D., BCPS

- Email: [ppatel@cop.ufl.edu](mailto:ppatel@cop.ufl.edu)
- Phone: 813-252-0892
- 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

## Co-Curriculum Program Specialist:

Sarah Mazorra

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

Office: HPNP G-235/GNV

Phone: 352-273-8203

### Questions to Ask:

- Anything related to co-curricular activities
- Anything related to the Career Coach program (issues contacting coach, Salesforce Portfolio, CPD, deadlines, etc.)
- Issues related to course policies (make-up assignments)
- Questions about dates, deadlines
- General questions about content and assignment directions
- Questions about grade entries gradebook (missing grades, incorrect grades)

## Other Teaching Partnership Faculty Members:

Shauna Buring, PharmD

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

Office: HPNP 4319

Phone: 352-294-8426

## Appendix B. Live Continuing Education Co-curricular Activity Description

Co-curricular activities in the final year of the curriculum should continue to align with the professional goals you have created in the continuing professional development process. However, this year will focus on transitioning from being a student to a practicing pharmacist. Therefore, the co-curricular activities you will complete align with the continuing education requirements for pharmacists, and you must attend at least 4 hours of live continuing education sessions.

The live continuing education sessions MUST be completed:

- In person (not online)
- Outside of normal activities for the Advanced Pharmacy Practice Experiences (e.g. if you are required to attend a live presentation that is also approved for CE as part of your APPE, this time will not count towards your 4 hour requirement.)
- Between (June 22, 2020-February 15, 2021)

Opportunities to attend live continuing education:

- Local/regional professional pharmacy organization meetings
- Florida Board of Pharmacy meetings
- State professional pharmacy organization annual or interim meetings (e.g. FSHP, FPA)
- National professional pharmacy organization annual or interim meetings (e.g. APhA, ASHP, ACCP, AACP)
- Interdisciplinary health profession organizations (these could be local/regional/state/national)

Attendance must be certified by a pharmacist with a leadership position for the organization, or the person giving the presentation. All required information on the Continuing Education Participation Log (found on Canvas) must be submitted by the due date.

Live guest speakers that have been organized by local professional student organizations do not meet the requirements for this assignment.

Students are responsible for costs associated with participation in live continuing education activities including, but not limited to registration and travel expenses.

## Appendix C. Licensure Readiness Learning Plan Rubric

	Acceptable	Unacceptable
<b>PART 1</b>		
<p><b>Reflection:</b> This includes examining and considering personal knowledge skills, abilities, beliefs, biases, motivation and emotions that could enhance or limit performance, personal and professional growth. Reflection involves self-assessment or self-appraisal on personal and organizational needs and goals. The act of self-assessment involves observing, analyzing, and reflecting on performance, judging the degree to which it meets standards/criteria, and determining strategies for improvement.</p>	<p>The reflection references results of assessments taken to date (eg, ExamMaster, AccessPharmacy quizzes, etc.) It also identifies specific NAPLEX and MPJE competency areas that are strengths and those that are areas for improvement. The self-analysis effectively identifies performance gaps.</p>	<p>The reflection may reference prior assessments and/or NAPLEX/MPJE competency areas that are strengths and those that are areas for improvement. However, one or more of these elements are not well defined. Analysis is also lacking or ineffective.</p>
<b>PART 2</b>		
<p><b>Planning:</b> A personal development plan is designed to include both formal and informal learning activities to achieve intended outcomes. Planning involves the process of defining learning objectives, learning activities, required resources and measures of success.</p>	<p>The plan identifies SMART objectives created to help achieve those goals. The learning activities cited are clearly consistent with identified gaps. Realistic time frames have been identified.</p>	<p>The SMART objectives do not align and/or are not measurable. The learning activities cited are not always consistent with the identified gaps and/or the time frame may be unrealistic.</p>
<p><b>Learning:</b> The plan can be put into action to meet identified needs and goals utilizing an appropriate range of learning activities and methods.</p>	<p>The personal learning plan outlines the specific learning activities (eg, chapters, assessments/exams) that will be accomplished each week. (e.g., template is filled in with a plan each week)</p>	<p>The personal learning plan does not outline specific learning activities and/or does not provide sufficient detail to guide learning on a weekly basis.</p>
<p><b>Evaluation:</b> The plan's implementation and achievement of objectives can be assessed by considering outcomes and impact. Evaluation involves regular review of progress, evaluation of learning successes, challenges and evidence of attainment or mastery.</p>	<p>There is a clear plan for evaluating achievement of the identified SMART objectives.</p>	<p>There is not a clear plan for evaluating achievement of the identified SMART objectives.</p>

## Appendix D. NAPLEX Competency Statements (\*\*NEW for 2021)

The North American Pharmacist Licensure Examination® (NAPLEX®) Competency Statements provide a blueprint of the topics covered on the examination. They offer important information about the knowledge, judgment, and skills you are expected to demonstrate as an entry-level pharmacist. A strong understanding of the Competency Statements will aid in your preparation to take the examination.

*As of January 1, 2021*

### Area 1 – Obtain, Interpret, or Assess Data, Medical, or Patient Information (Approximately 18% of Test)

- 1.1 – From instruments, screening tools, laboratory, genomic or genetic information, or diagnostic findings
- 1.2 – From patients: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background
- 1.3 – From practitioners: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background
- 1.4 – From medical records: treatment adherence, or medication-taking behavior; chief complaint, medication history, medical history, family history, social history, lifestyle habits, socioeconomic background
- 1.5 – Signs or symptoms of medical conditions, healthy physiology, etiology of diseases, or pathophysiology
- 1.6 – Risk factors or maintenance of health and wellness
- 1.7 – Evidence-based literature or studies using primary, secondary, and tertiary references

### Area 2 – Identify Drug Characteristics (Approximately 14% of Test)

- 2.1 – Pharmacology, mechanism of action, or therapeutic class
- 2.2 – Commercial availability; prescription or non-prescription status; brand, generic, or biosimilar names; physical descriptions; or how supplied
- 2.3 – Boxed warnings or REMS
- 2.4 – Pregnancy or lactation

### Area 3 – Develop or Manage Treatment Plans (Approximately 35% of Test)

- 3.1 – Triage or medical referral
- 3.2 – Therapeutic goals or outcomes and clinical endpoints
- 3.3 – Medication reconciliation; indication or therapeutic uses; lack of indication; inappropriate indication; duplication of therapy; omissions
- 3.4 – Drug dosing or dosing adjustments; duration of therapy
- 3.5 – Drug route of administration, dosage forms, or delivery systems
- 3.6 – Drug contraindications, allergies, or precautions

- 3.7 – Adverse drug effects, toxicology, or overdose
- 3.8 – Drug interactions
- 3.9 – Therapeutic monitoring parameters, monitoring techniques, monitoring tools, or monitoring frequency
- 3.10 – Drug pharmacokinetics or pharmacodynamics
- 3.11 – Evidence-based practice
- 3.12 – Non-drug therapy: lifestyle, self-care, first-aid, complementary and alternative medicine, or medical equipment

#### Area 4 – Perform Calculations (Approximately 14% of Test)

- 4.1 – Patient parameters or laboratory measures
- 4.2 – Quantities of drugs to be dispensed or administered
- 4.3 – Rates of administration
- 4.4 – Dose conversions
- 4.5 – Drug concentrations, ratio strengths, osmolarity, osmolality, or extent of ionization
- 4.6 – Quantities of drugs or ingredients to be compounded
- 4.7 – Nutritional needs and the content of nutrient sources
- 4.8 – Biostatistics, epidemiological, or pharmaco-economic measures
- 4.9 – Pharmacokinetic parameters

#### Area 5 – Compound, Dispense, or Administer Drugs, or Manage Delivery Systems (Approximately 11% of Test)

- 5.1 – Physicochemical properties of drug products affecting compatibility, stability, delivery, absorption, onset, duration, distribution, metabolism, or elimination
- 5.2 – Techniques, procedures, or equipment for hazardous or non-hazardous sterile products
- 5.3 – Techniques, procedures, or equipment for hazardous or non-hazardous non-sterile products
- 5.4 – Equipment or delivery systems
- 5.5 – Instructions or techniques for drug administration
- 5.6 – Packaging, storage, handling, or disposal

#### Area 6 – Develop or Manage Practice or Medication-Use Systems to Ensure Safety and Quality (Approximately 7% of Test)

- 6.1 – Interdisciplinary practice, collaborative practice, or expanded practice responsibilities
- 6.2 – Continuity of care or transitions of care
- 6.3 – Disease prevention or screening programs; or stewardship
- 6.4 – Vulnerable populations, special populations, or risk prevention programs
- 6.5 – Pharmacy informatics