

**PRCT 591
NON-DIRECT PATIENT CARE
ADVANCED PHARMACY PRACTICE EXPERIENCE**

Course Description

An advanced practice experiential course designed to provide the student with practical experience in a nontraditional setting.

Credit Hours:	5
Prerequisites:	B.S. in Pharmaceutical Sciences or equivalent, and successful completion of the third professional year curriculum and associated pre-APPE competencies
Meeting times:	Monday thru Friday, 8 hours per day, 40 hours per week Other times as assigned by preceptors or instructors
Locations:	Varied depending on rotation site as assigned by course coordinator.

Course Resources

Web site: All announcements related to this course will be posted to the PY4 announcements page. Students are responsible for checking this page daily.

Equipment: Lab coat

Staff Information

Kristopher Harrell, Pharm.D.
Director of Professional Experience Programs
Course Coordinator
Office: UMMC, PH105
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Site Contact (preceptor of record):

Preceptor/faculty contact information can be found on the online rotation management website and will be made available to the student. The student will interact primarily with the preceptor of record; however, students are encouraged to contact Dr. Harrell throughout the rotation via email for specific concerns or to set up individual meetings, if needed.

Course Objectives

General

- Further prepare students for the profession of pharmacy through continuous professional development and promotion of lifelong learning by providing them with supervised practical experience.
- Build upon introductory pharmacy practice rotations and expose students to nontraditional experiences and related activities specifically in a **non-direct patient care** pharmacy setting.

Communication Abilities

- Effectively communicate, verbally and in writing with other health care professionals.
- Construct a comprehensive project, which is related to the site's mission, goals, and objectives and present to health care professionals or the public.

Thinking Abilities

- Interpret and synthesize information from multiple sources into a concise written or verbal presentation.
- Compare and contrast new information that is encountered during daily rotation activities with prior knowledge in order to assess its value and refine one's personal understanding.

Professionalism

- Demonstrate a positive attitude toward practice of pharmacy.
- Use good professional judgment and demonstrate ability to cope with a variety of situations.
- Communicate effectively and appropriately.
- Show initiative.
- Exercise punctuality and maintain expected attendance.

Additional *site-specific rotation objectives* may be assigned by the preceptor in this document, or as an attachment, and will be provided to the student by the first day of the rotation.

At the end of the pedagogy rotation the student will be able to:

- Explore teaching and learning topics with the preceptor and other faculty, through discussions informed by the literature in the field of higher education.
- Participate in the delivery of education in the professional curriculum.
- Demonstrate appropriate communication skills when interacting with junior students.
- Demonstrate written skills in evaluating the performance of students.
- Assess one's own learning trajectory and apply lifelong learning principles to future professional development.

Evaluation

The student should be evaluated based on overall performance in meeting the objectives of the rotation. The evaluation should be evidenced-based and involve student self-reflection, as well as constructive preceptor feedback.

The student is expected to complete a self-evaluation of his or her performance of the desired ability-based outcomes providing details of required and other activities performed during the rotation. The **Non-Direct Patient Care Advance Practice Experience Transcript** should be used for this purpose. The preceptor should use the same document to review student performance and provide additional comments or evidence.

The evaluation of the student is to be completed online using the online rotation management system. A **mid-point** evaluation is to be completed and reviewed with the student **between the second and third weeks** of the rotation.

Once the transcript is completed and evidence is documented, the final evaluation is to be entered online. The online evaluation is based on the preceptor evaluation of student (**PEOS-NPCX**) form. This form can also be found on the preceptor zone of the www.pharmd.org website under “assessment forms” and in the PEP manual located on the same website.

On the **last day** of the rotation the preceptor should assign a **final grade**. The preceptor is to discuss the final evaluation with the student on the last day of the rotation.

Grading Scale:

- A: 90-100%
- B: 80-89%
- C: 70-79%
- F: Below 70%

An Incomplete (I) grade is posted for those students for whom evaluations (grades) are not received or if course requirements are incomplete.

Educational Outcomes

This course fosters development in several of the general education abilities and professional education abilities that have been defined as desired outcomes of the School of Pharmacy curriculum. Throughout the rotation period, students will be provided with opportunities to practice these abilities. Please keep in mind these outcome goals as you monitor your progress in this course.

The abilities fostered in this course are stated in the following table.

EDUCATIONAL OUTCOMES FOR NON-PATIENT CARE ELECTIVE 591		
General Education Abilities	Major outcome of this course	Minor outcome of this course
Critical Thinking, Analysis and Decision-Making “The student can find, understand, analyze, evaluate, and synthesize information and make informed, rational, and responsible decisions.”	✓	
Communication Skills “The student can communicate with various audiences by written, verbal, and electronic media for a variety of purposes.”	✓	
Professional Education Abilities	Major outcome of this course	Minor outcome of this course
4c. Apply ethics and professional principles to assure efficient utilization of resource management and effective treatment choices		✓
5a. Employ communication styles and techniques appropriate to the audience	✓	
8d. Present effective educational programs and presentations to public and health care profession audiences	✓	
11a. Take responsibility for gathering new knowledge		✓

Expectations

1. Students are assigned eight advanced pharmacy practice experience rotations, four required and four electives. The four required rotations are adult medicine, ambulatory care, community practice, and institutional practice. Of the remaining elective rotations, two must involve patient care, and these are assigned based on student preferences and preceptor availabilities. Students are notified of rotation assignments during the Spring semester of the third professional year. Should any changes be necessary students will be notified in writing in advance of the rotation.
2. Students will be expected to spend forty hours per week at the practice sites. These hours will be counted toward pharmacist licensure requirement in accordance with regulations of the Mississippi State Board of Pharmacy.
3. Students will be expected to send their assigned preceptors a cover letter and a copy of their curriculum vita two weeks before the beginning of the rotations. They should then follow up with their assigned preceptors via phone or email one week prior to rotation start dates. The phone numbers and email addresses for the preceptors are listed online at the rotation management website. Students may be asked to provide certain documentation to the school or practice site prior to the rotation. For more specific information about rotation administrative and health requirements, refer to the PEP Manual. The subsequent meeting times and expectations of the student should be outlined by the preceptors during the first meeting.
4. Students are expected to be punctual. If absences occur for any reason, the students must contact the preceptor. More than one unexcused absence results in course failure. Should a student miss more than 4 days of a given rotation, the student will have to repeat the rotation before receiving credit for the course. For more information about absences, refer to the PEP Manual.
5. Students will be expected to complete all required activities, as well as site-specific activities assigned by the preceptor. The following required activities for this course must be completed and documented on the online management system at least once during the rotation:
 - a. Non-Patient Care Project
 - b. Nontraditional Pharmacy Observational Report
6. Students will be expected to complete the transcript and evaluation of his or her preceptor on the online rotation management website by the last day of the rotation.

Failure to submit any single item by the end of the rotation will result in an “incomplete” grade, which can then become an “F” per University policy. For more information students should refer to the PEP Manual for general rotation policies.

Student attire: Compliance with the dress code is expected. Various practice sites will have different requirements for dress, and students will be expected to comply with those requirements at the

discretion of the preceptor. I.D. badges are required, and during practice rotations, lab coats are as well.

Students with disabilities: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (662-915-7128). SDS will then contact the instructor through the student by means of an Instructor Notification of Classroom Accommodations form. The Instructor will then be happy to work with the student so that a reasonable accommodation for a disability can be made. This contact with SDS should be made as soon as possible after classes begin such that the appropriate preparation for the student may be planned.

If necessary, the syllabus may be modified at any point during the rotation period. Students taking the course will be notified in writing of any changes.

Non-Direct Patient Care Advance Practice Experience Transcript

Student name _____

Preceptor Name _____

UM Professional Ability-Based Outcomes	<i>Course Objectives</i>	Required Activities /Additional Evidence
4c. Apply ethics and professional principles to assure efficient utilization of resource management and effective treatment choices	<i>Use good professional judgment and demonstrate ability to cope with a variety of situations</i>	
5a. Employ communication styles and techniques appropriate to the audience	<i>Effectively communicate, verbally and in writing with other health care professionals; Construct a comprehensive project, which is related to the site's mission, goals, and objectives and present to health care professionals or the public; Demonstrate a positive attitude toward practice of pharmacy; Communicate effectively and appropriately</i>	<input type="checkbox"/> Non-Patient Care Project <input type="checkbox"/> Nontraditional Pharmacy Observational Report
8d. Present effective educational programs and presentations to public and health care profession audiences	<i>Effectively communicate, verbally and in writing with other health care professionals; Construct a comprehensive project, which is related to the site's mission, goals, and objectives and present to health care professionals or the public; Prepare and present an educational program to a group of health care professionals or patients in an effective manner</i>	<input type="checkbox"/> Non-Patient Care Project <input type="checkbox"/> Nontraditional Pharmacy Observational Report
11a. Take responsibility for gathering new knowledge	<i>Show initiative</i>	

**PRECEPTOR EVALUATION OF NON-DIRECT PATIENT CARE PHARMACY PRACTICE STUDENT
(Form PEOS-NPCX)**

This form may be used a guide to complete the online evaluation.

Instructions: Evaluate the student on each item. Using the scale below, note the score achieved by the student in each performance category. If a student receives any score less than 3 on any item, it must be addressed in the comments section.

- 0 = Not assessed
- 1 = Poorest Anticipated Performance (<60%)
- 2 = Less than Expected Performance (60-69%)
- 3 = Minimum Expected Performance (70-79%)
- 4 = Better than Expected Performance (80-89%)
- 5 = Best Anticipated Performance (90-100%)

Ability Based Outcome and Corresponding Objectives	Evaluation Score
4c. Apply ethics and professional principles to assure efficient utilization of resource management and effective treatment choices <i>Use good professional judgment and demonstrate ability to cope with a variety of situations</i>	
5a. Employ communication styles and techniques appropriate to the audience <i>Effectively communicate, verbally and in writing with other health care professionals; Demonstrate a positive attitude toward practice of pharmacy; Communicate effectively and appropriately</i>	
8d. Present effective educational programs and presentations to public and health care profession audiences <i>Effectively communicate, verbally and in writing with other health care professionals; Prepare and present an educational program to a group of health care professionals or patients in an effective manner</i>	
11a. Take responsibility for gathering new knowledge <i>Show initiative</i>	
General Professionalism Objectives	
Demonstrate a positive attitude toward practice of pharmacy.	
Use good professional judgment and demonstrate ability to cope with a variety of situations.	
Communicate effectively and appropriately.	
Show initiative.	
Exercise punctuality and maintain expected attendance.	

<p>Comments</p>
<p>FINAL EVALUATION:</p> <p>Numeric Score _____ <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> F</p>