



NOTRE DAME
OF MARYLAND
UNIVERSITY

SCHOOL OF PHARMACY

PHRD 704, 705, 706 - Non-patient Care Elective

Preceptor and Student Learning Agreement

This preceptor and student learning agreement should be reviewed at the start of the rotation. This document also contains a sample of the evaluation form the preceptor will complete at the midpoint and end of the rotation in E*Value. The preceptor and student should review the evaluation criterion and expectations for the rotation together and sign the learning agreement at the end of the document. Please be sure to complete the “Educational Activities” section with the appropriate educational activities and the percentage each activity is worth.

Rotation Description

Each elective (PHRD 704/705/706) advanced pharmacy practice experience (APPE) site will provide opportunities for students to develop the advanced pharmacy practice experience program outcomes in areas such as, but not limited to, community, health-system, clinical, industry, and administrative pharmacy practice. These experiences will further develop a student’s knowledge and skills in the areas of their practice choice. Interaction with other health care professionals, professionalism, and strong communication skills are strongly emphasized. Students are encouraged to broaden their existing competencies and incorporate their professional and personal goals into these rotations.

Rotation Objectives:

At the completion of this rotation, students will be able to:

- Display professional behavior when interacting with patients, caregivers, other health care professionals, and the public.
- Provide ethical patient care.
- Demonstrate the actions needed for life-long learning abilities.
- Lead the profession to promote safe medication use and improve health care.
- Establish collaborative professional relationship with health care team members.
- Identify, retrieve, evaluate and apply scientific and clinical literature.
- Design evidence-based patient/population treatment and monitoring plans to ensure optimal therapeutic and disease outcomes.
- Communicate clearly and effectively with health care professionals and/or the lay public using appropriate listening, verbal, and nonverbal communication skills.
- Communicate clearly and effectively when interacting with health care professionals using appropriate written communication skills.

- Deliver a presentation utilizing effective communication skills.
- Demonstrate critical thinking skills to facilitate decision making.
- Perform professional activities in compliance with HIPAA (if applicable).
- Comply with and uphold the laws and ethical standards of and related to the practice of pharmacy.

Rotation Responsibilities:

Site-specific responsibilities (50% of grade)

- This will be determined by the preceptor at the specific rotation site. Students must be notified of these daily responsibilities on the first day of the rotation.

Educational activities (50% of grade)

(If any of the below activities account for the majority of the student’s daily activities, please re-allocate that portion of the grade to other educational activities (e.g. drug information focus – reallocate drug information question %)

- At least one major presentation on topic determined by preceptor **(5% - template available)**
(Major indicates a level of preparation above daily patient discussions)
- At least one journal club article pertinent to the rotation published within the last 6 months must be retrieved, evaluated, and assessed. (preceptors can choose more than one article at their discretion) **(5% - template available)**
- Literature retrieval and evaluation and/or drug information questions requested by health care professionals. Document the response, whether the response is provided in writing or verbally, utilizing the drug information request form. **(5% - 10% - template available)**
- Other educational activities: **(30-35%)**

Preceptors may choose from the list below or add additional activities as deemed appropriate. Other activities and percentage of final grade should be determined at the beginning of the rotation and discussed with the student.

- Small informal topic presentations/discussions of select topics
- Attendance and/or presentation at any educational/committee meetings at site
- Patient education materials
- Community presentations
- Participation in the preceptors research activities
- Adverse drug reaction reporting *(template available)*
- Other activities deemed appropriate by the preceptor

Rotation Evaluation:

Site specific responsibilities 50%
(Utilize the competency assessment criteria)

Educational activities 50%

*****Please list the educational activities and the associated percentage (%) and discuss with the student on the first day of rotation.*****

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Competency Assessment

Select a score within the evaluation range for each criterion. Students must obtain a final average score $\geq 70\%$ on this portion of the assessment to pass the rotation.

SITE SPECIFIC RESPONSIBILITIES (50% of grade)

Knowledge Criteria

Assess the student on the following criteria based on the student's stage of development during the Advanced Pharmacy Practice Experience year.

93-100	87-92	80-86	75-79	70-74	0
Outstanding	Proficient	Competent	Acceptable	Minimally Acceptable	Unacceptable
Infrequent knowledge deficits and learns material in a timely manner without preceptor assistance	Minimal deficits and learns material in a timely manner with minimal preceptor assistance	Some knowledge deficits and learns material in a timely manner with moderate preceptor assistance	Some knowledge deficits and learns material with consistent preceptor assistance	Significant knowledge deficits; requires constant preceptor assistance	Minimal knowledge despite repeated requests from preceptor to learn material

****N/A (Not applicable) – If criterion is not applicable, please simply leave it BLANK****

Questions (text field)	Grade Received (%)
1. Identify the epidemiology and etiology of diseases.	
2. Discuss normal physiologic processes.	
3. Explain the pathophysiology of diseases	
4. Explain the pharmacologic actions (MOA, side effects, drug interactions, pharmacogenetics/pharmacogenomics) of drug therapy.	
5. Discuss the pharmacokinetic and pharmacodynamic effects of drug therapy.	

Rotation specific knowledge outcomes:

Preceptors should enter and evaluate, according to the scale above, outcomes specific to the rotation type.

Skills Criteria

Assess the student on the following criteria based on the student's stage of development during the Advanced Pharmacy Practice Experience year.

93-100	87-92	80-86	75-79	70-74	0
Outstanding	Proficient	Competent	Acceptable	Minimally Acceptable	Unacceptable
Independently performs the skill without preceptor assistance Independently identifies and master skills without preceptor assistance	Performs the skill with minimal preceptor assistance	Performs the skill with moderate preceptor assistance	Performs the skill with frequent preceptor assistance	Performs the skill only with consistent preceptor assistance	Unable to perform the skill despite consistent preceptor assistance

****N/A (Not applicable) – If criterion is not applicable, please simply leave it BLANK****

Questions (text field)	Grade Received (%)
6. Retrieve scientific and clinical literature to solve patient/health care problems and make evidence-based medication therapy decisions.	
7. Evaluate and apply scientific and clinical literature to solve patient/health care problems and make evidence-based medication therapy decisions.	
8. Collect and organize patient data to identify and resolve existing and potential medication therapy problems.	
9. Collect and utilize data to make clinical decisions for populations of patients being studied.	
10. Describe how pharmacists can apply pharmacoeconomic principles in daily practice.	
11. Utilize pharmaceconomic models to evaluate the impact of drug therapy decisions on a health care system.	
12. Discuss how technology can improve safety within healthcare systems.	
13. Identify different quality, safety, and performance improvement measures.	
14. Interpret and evaluate patient and/or medication data to identify and resolve existing or potential therapy problems.	
15. Develop a patient/population specific care plan (prescription, non-prescription medications, complementary and alternative therapies, and dietary supplements).	
16. Explain the rationale and provide supporting evidence to justify the patient/population specific care plan.	

17. Monitor and adjust the care plan based on patient/population and drug-specific factors.	
18. Educate patients/health care professionals regarding medication use and related devices.	
19. Collaborate with other health care professionals to foster effective team work.	
20. Communicate clearly and effectively with health care professionals using appropriate listening, verbal, non-verbal and written communication skills.	
21. Communicate clearly and effectively with patients, caregivers and the public using appropriate listening, verbal, non-verbal and written communication skills.	
22. Establish collaborative professional relationships with health care team members.	
23. Document interactions, interventions and outcomes to facilitate communication and collaboration with health care provider/professionals.	
24. Utilize relevant behavioral theories of health, illness and medication use and apply these theories to the development of the patient/population specific care plan.	
25. Apply ethical principles in health care decision making.	
26. Apply relevant competencies of public health practice to population-based centered care and systems management.	
27. Define and assess the health status of individuals and populations including determinants of health and illness, factors contributing to health promotion and disease prevention, factors influencing the use of health services, and epidemiology of diseases.	
28. Select and implement strategies to prevent or detect disease in a target population.	
29. Demonstrate critical thinking skills to facilitate decision making.	

Rotation specific skills outcomes:

Preceptors should enter and evaluate, according to the scale above, outcomes specific to the rotation type.

Patient Care Responsibilities Grade (70% of total grade): _____

(entered by preceptor)	(entered by preceptor)	(entered by preceptor)
(entered by preceptor)	(entered by preceptor)	(entered by preceptor)
(entered by preceptor)	(entered by preceptor)	(entered by preceptor)
(entered by preceptor)	(entered by preceptor)	(entered by preceptor)
	TOTAL = 50%	

Educational Activities Grade (50% of total grade): _____

Final Grade: _____

Preceptor and Student Learning Agreement Statement:

I have received the Preceptor and Student Learning Agreement and reviewed the assessment methods with my preceptor. I understand all methods by which I will be assessed in this rotation.

I understand all patient data reviewed or discussed during the rotation must be kept confidential. Cases should only be discussed with the preceptor or members of the health care team. Any breach of patient confidentiality, however minor, may result in failure of the rotation.

Student Name (Printed)

Student Signature

Date

Preceptor Name (Printed)

Preceptor Signature

Date