Advanced Pharmacy Practice Experience

Elective Syllabus

Course Number:	PHA 3060, 3070, 3080
Course Title:	Elective I, II, and III
Credit Hours:	5 Hours
Prerequisites:	P3 Standing
Date Syllabus Prepared:	January 13, 2010

Course Description:
These are 5-week elective advanced pharmacy practice experiences that allow the student an opportunity to explore an area of interest in a more in-depth manner. The experiences may be in a variety of practice settings. Examples of such electives include medicine sub-specialties, management, clinical research, drug information, public health, and government-related practice settings such as the Food and Drug Administration (FDA), etc.

Practice Setting:
A variety of practice settings are available. Specifics will be provided by the preceptor.

General Expectation:
Students are expected to participate in the daily activities of the preceptor and to develop depth in understanding the area of focus of the elective.

Rotation-Specific Syllabus:
If the preceptor does not have a rotation-specific syllabus, it is the student's responsibility to prepare a Syllabus/Practice Agreement that contains the following and has been reviewed and approved by the preceptor.

- Program ability outcomes that will focus on personal learning objectives that are measurable and consistent with the site opportunities and program outcomes.
- Daily responsibilities and schedule
- How the rotation grade will be determined

The Syllabus/Practice Agreement (attached) should be finalized by Day 3 of the rotation. Both the student and the preceptor must sign the syllabus/agreement and the student should maintain the original copy in his/her portfolio under the Elective Rotation. If the preceptor has a rotation-specific syllabus it must be submitted to the Office of Experiential Education by Day 3 of the rotation and may be used in lieu of the Practice Agreement. Core APPE goals and outcomes are provided in the APPE Manual and general elective outcomes are provided within this syllabus.

Elective Advanced Practice Experience
PRACTICE AGREEMENT

This agreement establishes goals, related programmatic abilities-based outcomes and responsibilities for an elective advanced practice experience. _____, a Appalachian College of Pharmacy (ACP) student, desires to learn from this practice experience and _____, a ACP preceptor, agrees to provide an appropriate learning experience.

Outcomes and Goals:

Core APPE Outcomes	**Core Rotation and Student's Personal Learning Goals/Objectives:**
Communication Abilities – The student shall read, write, speak, listen and use media to communicate effectively.	
Patient Assessment - The student shall contribute to the database of information about the patient by: a) performing a medication history, review of systems, and physical assessment, b) requesting lab tests, and c) assessing medical, socio-behavioral and economic status.	
Drug Therapy Assessment – The student shall assess the appropriateness of patient's drug therapy, including consideration of the chemical, pharmaceutical, pharmacokinetic, and pharmacological characteristics of the administered medications.	
Develop, Implement, and Monitor Drug Therapy Plans – The student shall develop a therapeutic plan for the patient, which includes appropriate monitoring to address any problem identified. The student shall demonstrate the ability to make pharmacotherapy decisions.	
Medication Use – The student shall specify, develop, use and evaluate acquisition, inventory control, prescription processing, preparation, and distribution systems while documenting and maintaining quality.	
Thinking Abilities – The student shall acquire, comprehend, apply, synthesize and evaluate information. The student shall integrate these abilities to identify, resolve and prevent problems and make appropriate decisions.	
Self Learning Abilities – The student shall assess continuously his/her learning needs and develop the ability to respond appropriately.	
Professional Ethics and Identity – The student shall behave ethically, accept the responsibilities embodied in the principles of pharmaceutical care, and demonstrate appropriate interpersonal and inter-group behaviors.	

**Refer to the Core Educational Goals and Outcomes for APPE as outlined in the APPE Manual.*

Daily Responsibilities: The responsibilities established by the preceptor are as follows.

General Elective Outcomes

A. Discuss the importance of the elective area to the pharmacy profession.
B. Discuss disease states and pharmacotherapy commonly experienced within the area of specialty when appropriate.
C. Demonstrate competence identifying, preventing and resolving drug-related problems within the specialty area when appropriate.
D. Interview patients when appropriate.
E. Provide drug-related education to patients, health care providers and others when appropriate.
F. Discuss pharmacoeconomics as it applies to the area of specialty.
G. Retrieve and analyze primary literature pertaining to the elective focus.
H. Prepare and deliver presentations related to the elective focus.
I. Participate in lectures, conferences, professional meetings, and other professional activities related to the elective focus and as directed by the preceptor.

Typical Rotation Schedule:

Times	Monday	Tuesday	Wednesday	Thursday	Friday	Weekends
7-8 AM						
8-9 AM						
9-10 AM						
10-11 AM						
11-12Noon						
12-1 PM						
1-2 PM						
2-3 PM						
3-4 PM						
4-5 PM						

Rotation Activities

Orientation to Elective Rotation – During the first day of the rotation, the student will be oriented to the practice setting and personnel. Pertinent policies and procedures will be reviewed. The student should:

A. Tour the practice setting. The preceptor will explain the personnel member's duties to the student and the student's responsibilities as a student pharmacist to the personnel.
B. The student and preceptor should discuss rotation and institutional specific policies and procedures. Specific discussion points should include:
    a. Confidentiality including HIPAA
    b. Appropriate Dress
    c. Lines of Authority
    d. The student's schedule
    e. Available drug information resources
    f. The preceptor's practice philosophy regarding professional responsibilities and pharmaceutical care
    g. How to access computer and library resources within the practice site
C. The student and preceptor should review and discuss the student's professional portfolio.

Student Responsibilities: The student responsibilities established by ACP are as follows.

A. Establish rapport with the personnel of the practice site.
B. Prepare and deliver one (1) formal presentation related to the elective focus.
C. Document all patient care activities, projects, and presentations in your professional portfolio as outlined in the Advanced Practice Experience Manual.
D. The instructor may require completion of an independent self-directed project.
E. Demonstrate use of a core library of journals, reference books and databases that comprise your personal library.

Activities Checklist

Rotation Requirements	Minimum Expectation	Completed
Formal presentation	1	
Others encouraged: (to be defined by preceptor)		

** Select additional activities as a required component of this course.*

Additional Activities

Please select at least three (3) additional activities for each elective rotation.

- ☐ Participate in a MUE / DUE.
- ☐ Complete at least two (2) Adverse Drug Reaction (ADR) reports.
- ☐ Complete at least two (2) Occurrence Reports involving a medication error.
- ☐ Present at least one (1) journal article and prepare a written summary.
- ☐ Attend a Pharmacy and Therapeutics meeting and type a one (1) page reflective summary of the experience.
- ☐ Prepare and present at least one (1) drug monograph.
- ☐ Prepare an article for publication.
- ☐ Create and reference a therapeutic drug protocol or pathway.
- ☐ Prepare a case report (e.g. unique clinical finding, adverse drug event, drug interaction).
- ☐ Participate in the development or revision of a departmental or institutional policy.
- ☐ Create and present one (1) brochure or pamphlet for patient education (e.g. food-drug interactions).
- ☐ Complete a project assigned by the preceptor.
- ☐ Participate in blood pressure screening for at least ten (10) patients.
- ☐ Participate in diabetes screening for at least ten (10) patients.
- ☐ Participate in osteoporosis screening for at least five (5) patients.
- ☐ Administer immunizations and provide appropriate patient education.
- ☐ Participate in a home visit with a home health provider and type a one (1) page reflective summary of the experience.
- ☐ Compound at least five (5) different non-intravenous medication preparations.
- ☐ Conduct a mock Board of Pharmacy inspection.
- ☐ Participate in a mock JCAHO pharmacy inspection and type a one (1) page reflective summary of the experience.
- ☐ Other:

Textbooks / Resources

The student is expected to build a personal library of text resources. The following list outlines topics of resources to be included in the personal library; the student is expected to select a specific text or reference that covers the stated topic:

- Pharmacotherapy Book/Reference
- General Drug Information Reference

- General Medicine Book/Reference
- Physical Assessment Book/Reference
- Laboratory Interpretation Book/Reference
- Pharmacokinetics Book/Reference
- Adverse Drug Reaction Book/Reference

The student is expected to be self-directed in obtaining drug literature pertinent to patient care issues. The student is expected to have Internet access in order to utilize the College of Pharmacy library resources. Students are expected to check their email and have internet access on a daily basis.

Grading and Assessment

Equivalent Rubric Score	Final Letter Grade
4.5-5.00	A
3.50-4.49	B
3.00-3.49	C
2.99 or below	F

Policies

Specific policies pertaining to all Advanced Practice Experiences are found in the ***Appalachian College of Pharmacy, Advanced Pharmacy Practice Experience Manual.*** A copy of this comprehensive manual is available on our website at www.acpharm.org under the Experiential Education section. Students are required to be at the rotation site a minimum of 40 hours/week. As a professional, the student is expected to stay beyond the usual work hours when patient care still needs to be completed.