

## C. Community APPE Rotation

### Description

The Community Professional Experience Rotation is a four credit hour course, intended to be taken as part of the Pharmacy Practice series. A variety of community pharmacies within the State of Oklahoma are utilized as teaching/practice sites. During this course you will devote a minimum of eight hours a day to your assigned community pharmacy learning as a pharmacy intern under the supervision of a licensed pharmacy preceptor. In this practical experience setting, you will be involved in the routine daily activities, performing the usual duties of a community pharmacist. You may also be asked to perform in special pharmacy related activities as designated by your preceptor.

In addition to working under the supervision of your preceptor, a SWOSU COP faculty member will be assigned to you at your Community Professional Experience Rotation site. The assigned faculty member will assist you in selecting special projects and reports and will be available to answer questions and discuss your progress in this professional experience rotation. The course is designed to allow the student to experience the practical aspects of community pharmacy and to help the student gain a better understanding of the role of the community pharmacist in the health care system.

The Guiding Principle for the Community Professional Experience Rotation is the Provision of Pharmaceutical Care which can be defined in the following manner:

"The responsible provision of drug therapy for the purpose of achieving definite outcomes that improve a patient's quality of life." The major functions for the pharmacist in providing pharmaceutical care include:

1. Identification of potential and actual drug-related problems,
2. Resolution of actual drug-related problems
3. Prevention of potential drug-related problems.

During the Community Professional Experience Rotation the student is expected to gain experience in the following areas:

1. Prescription Medication Functions
2. Non-Prescription Medication Functions
3. Administrative Functions
4. Specialty Area Functions

### Goals and Objectives

Overall goal: to demonstrate the provision of pharmaceutical care in the community setting.

Extent and emphasis of the goals and objectives listed below will be selected by each preceptor, according to those available at the rotation site.

### I. Patient Care

To give the student the opportunity to provide patient care by:

- Interviewing the patient to maintain current patient profiles, including allergies, medical conditions, medical history, and special needs.
- Effectively reviewing patient profiles to accomplish an appropriate drug utilization review, using the following steps:
  1. Evaluation of the patient's history of adverse effects
  2. Detection of potentially unwarranted medication changes
  3. Review for potential quantitative misuse of medications
  4. Review for duplication of medications
  5. Evaluation of potentially unwanted additive effects of medications
  6. Review for inappropriate dose, route, schedule, or dosage form
  7. Detection of possible adverse drug effect
  8. Review for drug-drug and drug-food interactions
  9. Review for drug-disease interactions
  10. Review for possible irrational therapeutics
- Communicating drug information and pertinent patient information to other health care professionals.
- Providing appropriate information and advice to patients, using appropriate counseling techniques and utilizing terminology appropriate to the patient's level of understanding and confirming this understanding.
- Guiding non-prescription drug selection based on symptoms/need, concomitant prescription drug use, and concomitant disease states.
- Providing advice/information concerning non-prescription drug use, problems and management, utilizing terminology appropriate to the patient's level of understanding.
- Recognizing and communicating to the patient the need for referral to other health care providers.
- Monitoring patients for appropriate drug outcomes.

## II. Drug Preparation and Distribution

The student will have a working knowledge of the drug preparation and distribution systems of the pharmacy and be able to:

- Determine correctness and completeness of a given prescription.
- Identify potential and actual prescription preparation problems and develop appropriate plans of action for resolution.
- Utilize appropriate reference materials to satisfy drug information needs to properly dispense medications.
- Perform necessary determinations for accurate filling and/or compounding of prescriptions, including quantities to dispense, concentration determinations, drug additive quantities.
- Discuss prescription pricing and reimbursement issues.

### III. Pharmacy Management and Administration

Provide the student with an overview of the administrative responsibilities involved in operating a pharmacy by:

- Describing required record keeping practices to meet state and federal laws concerning prescription files, prescription drug inventory, employee files, etc.
- Discussing general management policies of the pharmacy and participating in the opening and closing of the pharmacy.
- Discussing the participation and management of 3rd party payer programs.
- Identifying the state and federal licensing requirements for pharmacies.
- Discussing procedures for resolution of dispensing errors.
- Describing security systems and discussing reasons for security measures.
- Discussing and understanding the role of pharmacy technicians.

### IV. Drug Policy Management

Involve the student in different drug management policies in a pharmacy by having the student describe the drug management policies including:

- The Drug Use Evaluation process.
- The procedure for reporting and documenting medication errors and adverse drug reactions and tracing the steps in the ADR reporting program.
- The formulary systems in the store or third party systems.
- The difference between brand name and generic equivalence and how this affects inventory and operations.
- Policies of selling to other stores and/or physicians' offices.
- Any pharmacy economic issues currently or anticipated in the pharmacy.

### V. Purchasing and Inventory

Provide the student with an overview of purchasing and inventory and their impact upon general operations regarding areas such as budgeting, bookkeeping procedures, pricing policies, and application of computer systems. The student will be able to:

- Trace the inventory control activities, including ordering, checking, stocking, and physical inventory control.
- Identify and perform required procedures for ordering, inventory and prescription filling of controlled substances.
- Demonstrate a familiarity with new product purchasing and inventory controls.
- Discuss the procedure for the handling of manufacturer recalls of medications.
- Describe the procedure for handling of non-formulary or non-stocked drug orders or requests.

### VI. Specialty Practice Functions

The student will be able to describe specialty areas of the pharmacy, if applicable, in sufficient detail to identify the nature of the activity at the specific pharmacy.

Examples: ostomy products, home diagnostic products, specialty compounds, information center, veterinary products, diabetic and pulmonary equipment, and medical supplies and equipment.

### Grading and Examination

Each student will undergo a final examination (oral/practical/written) near the end of the calendar month of the Community Professional Experience rotation. An OEE faculty member will administer the examination and may at his/her discretion, request preceptor and or other faculty member assistance in evaluating the student's performance on this examination. The final examination will be scheduled by the faculty member responsible for the student on the Community Pharmacy Practice Rotation. The examination will constitute 30% of the student's final grade for the course.

Each student will be required to complete required projects as outlined in the Required Projects section of this document. Required projects will constitute 20% of the student's final grade for the course.

Each student will be evaluated by the preceptor at his assigned rotation site. This assigned grade will constitute 50% of the student's final grade for the course.

The final grade will be assigned in the following manner:

- Projects: 20%
- Final Exam: 30%
- [Preceptor Evaluation](#): 50%
- FINAL GRADE: 100%

### Required Projects

The faculty member responsible for the student on this rotation will determine the number of projects to be completed by each individual student. Each report will be typed and presented to or discussed with the preceptor and/or faculty member. The time devoted to projects should not detract from the learning experience - projects should be prepared after assigned activities are completed or on personal time. They should not detract from your daily functions in the pharmacy as required by your preceptor. All projects must be approved by the preceptor and faculty member assigned to the student for the rotation. Please contact the faculty member and inform them of any planned projects before beginning the projects. Preceptors and faculty members will assist you in selecting worthwhile projects.

The Pharmacy Practice faculty member assigned to the student on the Community Professional Experience rotation may require the student to prepare a written assessment of activities at the site describing how these activities contributed to the fulfillment of the Behavioral Objectives for this course. This Objective Assessment should be of sufficient length, detail, and clarity so as to describe the activities which satisfy the Behavioral Objectives. Should a competency for a Behavioral Objective not be achieved, then the student should include a statement indicating reasons for not completing this objective. Any applicable Behavioral Objective not addressed during the Community Professional

Experience rotation should be discussed with the preceptor and/or assigned faculty member.

Other assignments may be given to you by your faculty member or by your preceptor ad hoc.

### OBRA 90 Requirements

**Pharmacists should discuss:**

1. The name of the drug
2. The dosage
3. The dosage form
4. Route of administration
5. Duration of drug therapy
6. Special directions and precautions for administration
7. Common side effects
8. Self-monitoring techniques
9. Proper storage
10. Prescription renewal
11. Actions to be taken if a dose is missed

**Prospective DUR requirements mandate that pharmacists must screen prescription orders and counsel patients about problems caused by:**

1. Therapeutic duplication
2. Drug-disease contraindications
3. Drug-drug interactions
4. Incorrect dosage
5. Incorrect duration of treatment
6. Drug allergy interactions
7. Clinical over/under utilization

Pharmacists must make a reasonable effort to maintain patient medication records, recording the patient's name, address, telephone number, date of birth, sex, disease states, known allergies, and drug reactions.