

**PHARM 154B Course Outline as of Spring 2002****CATALOG INFORMATION**

Dept and Nbr: PHARM 154B Title: RETAIL CLINICAL 2

Full Title: Retail Clinical 2

Last Reviewed: 11/13/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	3.00	Lab Scheduled	9.00	17	Lab Scheduled	157.50
		Contact DHR	0		Contact DHR	0
		Contact Total	9.00		Contact Total	157.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

The practice, in an outpatient environment, of advanced pharmacy technician skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor.

**Prerequisites/Corequisites:**

Course Completion of PHARM 150 and Course Completion of PHARM 151 and Course Completion of PHARM 154A and Course Completion or Current Enrollment in PHARM 153

**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: The practice, in an outpatient environment, of advanced pharmacy technician skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor. (Grade Only)

Prerequisites/Corequisites: Course Completion of PHARM 150 and Course Completion of PHARM 151 and Course Completion of PHARM 154A and Course Completion or Current

Enrollment in PHARM 153

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

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

1. Assist the pharmacist in collecting, organizing, and evaluating information for direct patient care, drug use review, and departmental management.
2. Receive and evaluate prescriptions for completeness.
3. Compound and prepare medications for distribution.
4. Distribute medications after supervising pharmacist provides final verification.
5. Assist the pharmacist in the identification of patients who desire counseling on the use of medications, equipment and devices.
6. Collect payment and/or initiate billing for pharmacy services and goods.
7. Purchase pharmaceuticals, devices, and supplies according to an established purchasing program.
8. Control the inventory of medications, equipment, and devices according to an established plan.
9. Assist the pharmacist in monitoring the practice site and/or service area for compliance with federal, state, and local laws, regulations, and professional standards.
10. Maintain pharmacy equipment and facilities.

### **Topics and Scope:**

- I. Review of pharmacy procedures
  - A. Cash register
  - B. Prescription work flow

- C. OTC's
- D. Drop off and pick up procedures
- E. Telephone procedures
- F. Computerized prescription processing
- G. Record keeping
- II. Prescription files
- III. Requirements for controlled substances
- IV. Third party claim forms
- V. Assist the pharmacist in
  - A. Removing drugs from stock
  - B. Counting, pouring and mixing pharmaceuticals
  - C. Placing product in container
  - D. Affixing label or labels
  - E. Packaging and repackaging
- VI. Principles of inventory control
  - A. Ordering, receiving, and stocking inventory
  - B. Removing expired, discontinued and recalled goods from stock
- VII. Diabetic supplies
- VIII. Other diagnostic supplies
- IX. Vitamins, minerals and herbal products
- X. Safety and legal policies and procedures
- XI. Pricing prescription and OTC goods
- XII. Maintaining a clean and neat work environment
- XIII. Consistent use of systematic approach to solving problems
- XIV. Principals of quality assurance

### Assignment:

1. Share the preceptor's workload.
2. Complete a written critique the clinical site re: interpersonal relations and customer service; back counter efficiency; systems & structures of pharmacy operation.
2. Maintain a journal of daily work experiences.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework

Writing  
20 - 30%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Lab Demonstrations

Skill Demonstrations  
40 - 70%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice

Exams  
10 - 30%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**  
Course Syllabus