

**PHARM 154B Course Outline as of Fall 2010****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	17.5	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 supervising licensed pharmacist.

**Prerequisites/Corequisites:**

Completion of PHARM 150, PHARM 151, PHARM 154A and Completion or Concurrent 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 supervising licensed pharmacist. (Grade Only)

Prerequisites/Corequisites: Completion of PHARM 150, PHARM 151, PHARM 154A and Completion or Concurrent 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:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

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

1. Receive and evaluate prescriptions for completeness.
2. Compound and prepare medications for distribution.
3. Distribute medications after supervising pharmacist provides final verification.
4. Assist the pharmacist in the identification of patients who desire counseling on the use of medications, equipment and devices.
5. Assist the pharmacist in monitoring the practice site and/or service area for compliance with federal, state, and local laws, regulations, and professional standards.
6. Maintain pharmacy equipment and facilities.
7. Compute and collect payment and/or initiate billing for pharmacy services and goods.

### **Topics and Scope:**

- I. Review of pharmacy procedures
  - A. Cash register
  - B. Prescription work flow
  - C. OTC's [over-the-counter]
  - 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. Principles of quality assurance

### Assignment:

1. Share the preceptor's workload. Observe and follow instructions of the licensed pharmacist preceptor while on clinical rotation at the assigned pharmacy site.
2. Complete 16 clinical rotation reports signed off by site preceptor.
3. Complete responsibilities check list as listed in Pharmacy Technician competency handbook signed off by site preceptor.
4. Complete one written documentation critique of the retail clinical site re: interpersonal relations and customer service; back counter efficiency; systems and structures of pharmacy operation.
5. Complete one written documentation critique of the specialty clinical site re: interpersonal relations and customer service; back counter efficiency; systems and structures of pharmacy operation.

### 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, rotation reports; critiques
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Writing 30 - 50%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None
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Problem solving 0 - 0%
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**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Competency Handbook
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Skill Demonstrations 40 - 50%
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**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice

Exams  
5 - 15%

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

Attendance and participation

Other Category  
5 - 10%

**Representative Textbooks and Materials:**  
Instructor prepared materials.