

Community Pharmacy (PHRA 1313)



Credit: 4 semester credit hours (2 hours lecture, 2 hours lab)

Prerequisite: Complete the TSI Assessment Tests with 343/Mathematics, 347/Reading, and 357/4/Writing

Course Description

Introduction to the skills necessary to process, prepare, label, and maintain records of prescriptions in a community pharmacy to include customer service, count and pour techniques, prescription calculations, drug selection and preparation, over-the-counter drugs, inventory management and legal parameters.

Required Textbook and Materials

1. The Pharmacy Technician, 6th Edition
Authors: Morton Publishing Company
ISBN: 978-1-61731-487-2
2. Index Cards

Course Objectives

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

1. Interpret medical and pharmaceutical abbreviations and symbols used in processing prescriptions in a community pharmacy
2. Summarize the importance of environmental, pharmacy, and personal safety standards
3. Utilize information technology
4. Demonstrate the procedures and work flow operations relating to processing prescriptions and preparing medications in an ambulatory setting

Course Outline

- I. Foundations in Pharmacy
 - A. Information
 - i. Journals, Newsletters, and Indexes
 - ii. The Internet
 - iii. References
 - B. Prescriptions
 - i. Processing
 - ii. Abbreviations
 - iii. The Fill Process
 - iv. Labels

PHRA 1313

Course Syllabus

- II. Compounding and Pharmacology
 - A. Routes and Formulations
 - i. Enteral
 - ii. Parenteral
 - B. Non-Sterile Compounding
 - i. Standards
 - ii. Equipment
 - iii. Solids and Semi-Solids
 - iv. Capsules and Tablets
- III. Business and Practical Settings
 - A. Inventory Management
 - i. Computers and Inventory
 - ii. Ordering
 - iii. Receiving and Storage
 - iv. Returns and Disposal
 - B. Retail Pharmacy
 - i. The Pharmacy
 - ii. Customer Service
 - iii. Prescription Preparation
 - iv. Over-The-Counter
 - C. Other Pharmacy Environments
 - i. Mail Order
 - ii. Long Term Care
 - iii. Home Infusion
 - iv. Nuclear Pharmacy

Grade Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

PHRA 1313

Course Syllabus

Course Evaluation

Final grades will be calculated according to the following criteria:

1. Quizzes/Homework 20%
2. Exams 30%
3. Final Exam 35%
4. Semester Project 15%

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:

[https://help.blackboard.com/en-](https://help.blackboard.com/en-us/Learn/9.1)

[us/Learn/9.1](https://help.blackboard.com/en-us/Learn/9.1) 2014 04/Student/015 Browser Support/015 Browser Support Policy

A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the online technology and resources.

Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building. You may also visit the online resource at <http://www.lit.edu/depts/stuserv/special/defaults.aspx>

Student Code of Conduct Statement

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.