

PHT 50: ORIENTATION TO PHARMACY TECHNOLOGY

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2021
Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	PHT 200L.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- State all the technician's primary job responsibilities, the duties falling under each job, and how their jobs differ from the primary responsibilities of the pharmacist.
- Interpret, read, write, understand, communicate and define medical and pharmaceutical terminology as used in retail and hospital pharmacy.

Description

Orientation to the role and working environment of the pharmacy technician, in both inpatient and outpatient settings. An introduction to the legal responsibilities and technical activities of the pharmacy technician. Intended for students in the Pharmacy Technician Program; enrollment is limited to students accepted in the program.

Course Objectives

The student will be able to:

- A. State all of the technician's primary job responsibilities, the duties falling under each, and how they differ from the primary responsibilities of the pharmacist.
- B. Define "decision requiring professional judgment" and give examples.
- C. Differentiate the organizational structure of various types of pharmacies and the general responsibilities and job status of personnel with whom the pharmacy technician will have contact.
- D. Memorize pharmaceutical terminology, abbreviations and symbols commonly used in the prescribing, dispensing, and charting of medications in the pharmacy.
- E. Demonstrate how pharmacy technicians support Medication Therapy Management (MTM) functions in areas of medical and pharmacy record gathering, organization, and assessment.

Course Content

- A. Introduction to role of pharmacy technician
 1. Definition of pharmacy, registered pharmacist and pharmacy technician
 2. Duties and education requirements of a registered pharmacist
 3. Duties and education requirements of a pharmacy technician
 4. Other non-licensed pharmacy personnel
 5. Qualification for registration of a pharmacy technician
 6. Application for registration

7. Training courses specified by the Pharmacy Board
8. Requirements for pharmacies employing pharmacy technicians
9. Areas of employment; advanced pharmacy technician careers
10. Relationship between pharmacist and pharmacy technician
- B. Professional judgment criteria
 1. Ethical rules for pharmacists and pharmacy technicians
 2. Case studies
- C. Organizational Structure of various types of pharmacy practice settings
 1. Community pharmacy
 2. Inpatient/institutional pharmacy
 3. Compounding pharmacy
 4. Nuclear pharmacy
 5. Mail order pharmacy
 6. Ambulatory pharmacy
 7. Veterinary pharmacy
 8. Military pharmacy
 9. Internet pharmacy
- D. Terminology and abbreviations
 1. Medical terminology
 - a. Prefixes and suffixes
 - b. Nomenclature
 2. Pharmaceutical terminology
 3. Pharmaceutical abbreviations
 - a. Routes of administration
 - b. Scheduled times of administration
 - c. Pharmaceutical dosage forms
 - d. Miscellaneous pharmaceutical abbreviations
 - e. Miscellaneous drug abbreviations
 - f. Common chemical and chemical compound abbreviations
 4. Medical abbreviations
- E. Medication Therapy Management (MTM)
 1. Five core elements of MTM in the community pharmacy setting:
 - a. Medication therapy review (MTR)
 - b. Personal medication record (PMR)
 - c. Medication action plan (MAP)
 - d. Intervention and referral
 - e. Documentation and follow-up

Lab Content

Not applicable.

Special Facilities and/or Equipment

- A. Textbooks, overhead, video, multimedia cart, charts.
- B. College library with generalized and specialized references.
- C. Computer software: Quizlet.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- Objective exams
- Group presentations
- Quizzes
- Projects
- Collaborative learning assignments

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture presentations and classroom discussion regarding topics
Small group recitation sessions to discuss concepts

Representative Text(s) and Other Materials

American Pharmacists Association, Perspective Press. The Pharmacy Technician, 7th ed.. 2020.

Ballington, Don, and Robert Anderson. Pharmacy Practice for Technicians, 6th ed.. 2017.

Board of Pharmacy. Pharmacy Laws with Rules & Regulations. 2019.

Wilson, Billie A., Margaret Shannon, and Kelly Shields. Pearson Nurse's Drug Guide. 2016.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

Weekly reading assignments from text and outside sources, ranging from 10-20 pages per week.

Discipline(s)

Pharmacy Technology