

Pharmacy Technician

DAY/EVENING PROGRAMS

PHT100C—DIPLOMA PROGRAM

Li Lincoln Campus

day . . . approximately 28 to 30 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits*
 eve. . . approximately 45 to 47 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits*

PHT100C—CERTIFICATE PROGRAM

Lo S Lowell and Somerville Campuses

day . . . approximately 31 to 33 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits* (Both Lowell and Somerville)
 aft . . . approximately 39 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits* (Lowell Campus only)
 eve. . . approximately 48 to 50 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits* (Lowell Campus only)
 eve. . . approximately 39 weeks (including holidays and scheduled breaks), 720 instructional hours, 34.5 total credits* (Somerville Campus only)

*The listing of credits is not meant to imply that credits can be transferred into college or other private career school programs. Transfer credits are at the sole discretion of the receiving school.

program objective

The Pharmacy Technician program focuses on the subject areas required for success as a Pharmacy Technician. The profession of a Pharmacy Technician is the process of adopting pharmaceutical care as its primary mission. Increased use of the well-trained and appropriately supervised technicians is becoming a key component of the pharmacy strategy to move beyond its traditional functions.

The goals of the Pharmacy Technician Program are divided into two areas. The first reflects the major job responsibilities of the pharmacy technician and

the second documents knowledge, skill and attitude requirements that underlie the performance of job responsibilities. The major areas of responsibility for the Pharmacy Technician are: collecting, organizing and evaluating information for direct patient care; medication use review; departmental management; and demonstrate ethical conduct in all job related activities. This program has been designed to meet all of these objectives.

number	course	lecture hours	lab hours	externship hours	total contact hours	total credit hours	prerequisites
PHT110	Pharmacy Systems	15	75	0	90	3.5	
PHT111	Dosages and Calculations	90	0	0	90	6.0	
PHT112	Therapeutic Responses to Medications I	90	0	0	90	6.0	
PHT113	Therapeutic Responses to Medications II	90	0	0	90	6.0	PHT112
PHT114	Medical Ethics, Safety and the Law	90	0	0	90	6.0	
PHT115	Pharmacy Technician Practical	10	80	0	90	3.0	PHT111, PHT112, PHT113
PHTEXT ^{†§}	Pharmacy Clinical Externship	0	0	180	180	4.0	†
TOTALS		385	155	180	720	34.5	

Note: Course numbers and sequences are listed here for reference only. The actual delivery sequence of courses contained in this program may vary depending on individual campus scheduling.

§ The Clinical Externship is a full-time commitment of 180 hours at 25-30 hours per week for 6 weeks. Externship hours are daytime hours for both day and evening programs. All weeks exclude holidays, course change days and make-up hours for absences during externship. Actual times are set by the externship sites. Students are responsible for transportation to and from the extern site, as well as meals.

† Prerequisite for Externship: Successful Completion of PHT110, PHT111, PHT112, PHT113, PHT114, and PHT115.



LINCOLN, LOWELL and SOMERVILLE CAMPUSES

Lincoln – Lincoln Mall • 622 George Washington Highway • Lincoln RI 02865 • 401.334.2430

Lowell – 211 Plain Street • Lowell MA 01852 • 978.458.4800

Somerville – 5 Middlesex Avenue • Somerville MA 02145 • 617.776.3500

www.lincolntech.com

This program may not be offered at all campuses.

LOANS AND GRANTS AVAILABLE TO THOSE WHO QUALIFY

PHT110–PHARMACY SYSTEMS

90 Contact Hrs (15 Lecture, 75 Lab); 3.5 Credits

The student will apply computer skills to a Pharmaceutical Database, enabling them to register a patient, have access to their prescription profile, renew medications on-line, auto dispense medications through a special computerized system, maintain inventory and perform other pharmaceutical tasks via the computer database.

Prerequisite: None

PHT111–DOSAGES AND CALCULATIONS

90 Contact Hrs (90 Lecture, 0 Lab); 6.0 Credits

The course provides an introductory study of the most commonly performed calculations occurring in the practice of pharmacy. The student learns to reduce and enlarge formulas, solve simple proportions and other simple calculations pertinent to the preparation of pharmaceuticals. The second half of this course focuses on the advanced mathematical calculations needed for the pharmacy technician. It includes pediatric dosages, intravenous calculations, infusion times and flow rates.

Prerequisite: None

PHT112–THERAPEUTIC RESPONSE TO MEDICATIONS I

90 Contact Hrs (90 Lecture, 0 Lab); 6.0 Credits

This course directs the students understanding on how medical disorders affect the human body. Numerous common diseases and disorders of each body system by their descriptions, etiology, signs and symptoms, diagnostics procedures, treatment, prognosis and prevention. Indication, contradictions, mechanism of action, and methods of administration will be discussed.

Prerequisite: None

PHT113–THERAPEUTIC RESPONSE TO MEDICATIONS II

90 Contact Hrs (90 Lecture, 0 Lab); 6.0 Credits

This course directs the students understanding on how medical disorders affect the human body. Numerous common diseases and disorders of each body system by their descriptions, etiology, signs and symptoms, diagnostics procedures, treatment, prognosis and prevention. Indication, contradictions, mechanism of action, and methods of administration will be discussed.

Prerequisite: PHT112

PHT114–MEDICAL ETHICS, SAFETY AND THE LAW

90 Contact Hrs (90 Lecture Hours, 0 Lab); 6.0 Credits

This course will prepare the student for the growing responsibilities of a pharmacy technician. It gives an overview of the pharmacy technician career, topics discussed include professionalism, pharmacy ethics, effective communication, and a brief history of healthcare, pharmacy and hospital organizations and department functions. Students will also discuss Federal Regulations, Federal Food, Drug and Cosmetic Act. Students will also learn the concept of Asepsis with emphasis on aseptic techniques proficiency. The student also learns OSHA and CLIA regulations as they pertain to pharmacy practice, sanitation management, hazardous waste management and infection control.

Prerequisite: None

PHT115–PHARMACY TECHNICIAN PRACTICAL

90 Contact Hrs (10 Lecture, 80 Lab); 3.0 Credits

This course will provide the student will pre-lab preparations, and hands-on lab experience. Students will learn and practice filling mock prescriptions, using the electronic balance, filling capsules, solutions, syrups, lotions and IV admixtures.

Prerequisites: PHT111, PHT112, PHT113

PHTEXT–PHARMACY CLINICAL EXTERNSHIP

180 Contact Hrs (180 Clinical Extern); 4.0 Credits

The Externship provides hands-on experience in a community retail pharmacy or hospital setting for 180 hours which is designated as a 25-hour work week. Areas of instruction will include interpretation of prescriptions, entering prescriptions on the computer, patient profiles, correctly filing and labeling of prescriptions, billing patient and third parties, customer service, over-the-counter medications, purchasing, checking in deliveries, inventory control, and patient confidentiality.

Prerequisite: Successful Completion of PHT110, PHT111, PHT112, PHT113, PHT114, PHT115