

Pharmacy Technician - Certificate

Code: F_CER_PHT2 Campus: Westminster

Assessment testing is required for all students. Students who place into CCR 093 or above and MAT 050 or above may begin this program of study. Students scoring below this level should consult with a faculty member before registering for courses in this program of study.

This certificate prepares students to assist pharmacists with the technical tasks in community and hospital pharmacy settings, as well as several additional settings. Pharmacy technicians currently in the field may upgrade their skills and meet continuing education recertification requirements by enrolling in specific program courses.

The curriculum is in a modular format consisting of three five-week instructional modules. Two modules of experiential practice follow the three modules in the following semester. Students may enter the program either in the fall or spring semester. This program is accredited by the American Society of Health System Pharmacists (ASHP).

Additional expenses incurred during the PHT program may include identification badges, books, lecture notes, scrubs (for institutional rotation, PHT 116 and PHT 119) lab coat (for community rotation), criminal background check, 10-panel drug screen and immunizations prior to externships.

Program Admission Requirements:

1. Completion of the PHT program application for admission.
2. Complete an interview with the PHT program director or a PHT faculty member prior to enrollment.
3. Completion of program entrance requirements.
4. Attending high school, or possess a GED or high school diploma.
5. Demonstrate keyboarding skills of 25 WPM or higher.
6. No previous conviction for a drug-related crime.
7. Submission of a résumé.
8. Complete criminal background check at student's expense.
9. Pass a 10-panel drug screen at student's expense.
10. Completion of a PHT health summary with documented immunization records prior to clinical rotations.

Assessment testing is required of all students. Students who are reading at the college level, and place into CCR 093 or above and MAT 050 or above may begin this program of study. Students scoring below this level should consult with a faculty member before registering for courses in this program of study.

REQUIRED COURSES	CREDITS
PHT 111 Orientation to Pharmacy	3
PHT 112 Pharmacy Law	2
PHT 113 Pharmacy Calculations	1
PHT 114 Computer Skills for Pharmacy Technicians	1
PHT 115 Pharmacology I	3
PHT 116 Institutional Pharmacy	3
PHT 117 Communication for Pharmacy Technicians	1
PHT 118 Pharmacology II	3
PHT 119 Community Pharmacy	3
PHT 120 Medical Insurance Procedures	1
PHT 170 Pharmacy Clinical: Institutional	4
PHT 171 Pharmacy Clinical: Community	4
Total Credits Required for Certificate	29

GAINFUL EMPLOYMENT DISCLOSURE INFORMATION

The U.S. Department of Education requires colleges to disclose a variety of information for any financial-aid-eligible program that "prepares students for gainful employment in a recognized occupation." The information provided here is the best available to us but represents one year's data only. We hope that this information is helpful to our current students and to prospective students as they make their career and educational choices. For more Gainful Employment information, please go to the FRCC website: www.frontrange.edu/GainfulEmployment.

PHT - Pharmacy Technician

PHT 111 ORIENTATION TO PHARMACY (3)

Orients students to the work of pharmacy technicians and the context in which a technicians' work is performed. Students learn the concept of pharmaceutical care and the technicians' general role in its delivery. The development of new drug products is discussed as well as a variety of issues that touch on attitudes, value and beliefs of success for pharmacy technicians. Students gain an appreciation for the value of obtaining technician certification, and the benefits of technicians' active involvement in local, state, and national pharmacy organizations.

67.5 Contact Hours. Recommended Preparation: College level writing and math skills equivalent to completion of ENG 060 and MAT 060 with grades of "C" or better or placement into CCR 093 or above and MAT 050 or above.

PHT 112 PHARMACY LAW (2)

Introduces the pharmacy technician student to the profound influence that drug laws, standards, and regulations have on practice. Students learn to abide by the laws, regulations and standards that govern the preparation and dispensing of drugs.

30 Contact Hours. Recommended Preparation: College level writing and math skills equivalent to completion of ENG 060 with a grade of "C" or better or placement into CCR 093 or above.

PHT 113 PHARMACY CALCULATIONS (1)

Provides the pharmacy technician student with a math preview necessary for pharmaceutical calculations and reviews necessary pharmaceutical terminology.

15 Contact Hours. Recommended Preparation: College level writing and math skills equivalent to completion of MAT 060 with a grade of "C" or better or placement into above or MAT 050 or above.

PHT 114 COMPUTER SKILLS FOR PHARMACY TECHNICIANS (1)

Focuses on the practice of pharmacy and the multiple operations contributing to safe and effective practices of dispensing, distribution, administration and prescribing of pharmaceuticals, medical supplies, equipment and devices. Pharmacy technicians are delegated certain operations and technical functions based upon established policies and procedures. Computers are utilized to contribute to the efficient delivery of these operations. Pharmacy technicians require a basic understanding of computer terminology and applications of the computer and the roles and responsibilities of pharmacist and pharmacy technicians in computer-based systems. Includes integration of an actual pharmacy operation application and allow students "hands-on" technical experience.

22.5 Contact Hours.

PHT 115 PHARMACOLOGY I (3)

Provides the basic concepts of normal body function as well as the diseases which impact the various body systems and the drugs used to treat such diseases. Emphasizes disease state management and drug therapy.

45 Contact Hours. Recommended Preparation: College level writing and math skills equivalent to completion of ENG 060 or placement into CCR 093 and PHT 113 with a grade of "C" or better.

PHT 116 INSTITUTIONAL PHARMACY (3)

Provides a basic understanding of general and specific tasks as well as the responsibilities involved in the practice of pharmacy in an institutional pharmacy setting. Emphasizes in-patient hospital pharmacy practice and other related practice settings (such as Homecare and Nursing Home or Long-Term Care). A laboratory experiential component provides a "hands-on" experience in the preparation of intravenous admixtures, aseptic technique, unit-dose distribution, dispensing for greater than 24 hours.

67.5 Contact Hours. Prerequisite or corequisite of PHT 113. Recommended Preparation: College level writing equivalent to completion of ENG 090 or placement into CCR 093.

PHT 117 COMMUNICATION FOR PHARMACY TECHNICIANS (1)

Provides the pharmacy technician student with an analysis of interpersonal communications (including principles, practices, and procedures) as well as an in-depth discussion of the practical application of communication to pharmacy practice. The analysis of interpersonal communications component includes such topics as communication perceptions and barriers, listening, responding, assertiveness and non-verbal communication. The practical application component includes such techniques as role-playing, group discussion and interviewing.

15 Contact Hours. Recommended Preparation: College level writing and math skills equivalent to completion of ENG 060 with a grade of "C" or better or placement into CCR 093 or above.

PHT 118 PHARMACOLOGY II (3)

Serves as the second part of the two-part presentation of the basic concepts of normal body function. Reviews the disease states which impact the various body systems and the drugs used to treat such diseases. Emphasizes disease state management and drug therapy.

45 Contact Hours. Prerequisite or corequisite of PHT 115.

PHT 119 COMMUNITY PHARMACY (3)

Provides a basic understanding of both general and specific tasks and responsibilities involved in the practice of pharmacy in a community setting. Emphasizes chain and independent community pharmacy practices and other related practice settings (such as consultant pharmacy, mail order pharmacy and nuclear pharmacy). Enables the student to obtain hands-on experience in the important technical

duties of dispensing and compounding. Utilizes a lecture-informal discussion format combined with a series of practice skills laboratory sessions.

67.5 Contact Hours. Prerequisite or corequisite of PHT 113. Recommended Preparation: College level writing equivalent to completion of ENG 090 or placement into CCR 093.

PHT 120 MEDICAL INSURANCE PROCEDURES (1)

Provides a basic introduction to pharmacy reimbursement services. Defines and presents the processes involved in reimbursement for pharmacy products and services. Examines the health care insurance industry along with an overview of the three core functions of pharmacy reimbursement services - patient admission, verification of insurance, and billing procedures. Integrates an actual pharmacy operation application and allows students hands-on technical experience.

15 Contact Hours.

PHT 170 PHARMACY CLINICAL: INSTITUTIONAL (4)

Provide students with hands on experience in an institutional pharmacy setting. The course involves a total of 160 hours. Students must be supervised by a licensed pharmacist or qualified designee, and are expected to participate in activities delineated in the Clinical Site Manual, such as dispensing, compounding, inventory handling and control, drug distribution, and/or preparation of intravenous products. The preceptor, student, and instructor complete evaluations at completion of the rotation.

160 Contact Hours. Prerequisites: PHT 111, PHT 112, PHT 113, PHT 114, PHT 115, PHT 116, PHT 117, PHT 118, PHT 119, and PHT 120.

PHT 171 PHARMACY CLINICAL: COMMUNITY (4)

Provide students with hands on experience in a community pharmacy setting. The course involves a total of 160 hours. Students must be supervised by a licensed pharmacist or qualified designee, and are expected to participate in activities delineated in the Clinical Site Manual, such as dispensing, inventory handling and control, drug distribution, processing of third-party claims, and communication with patients. The preceptor, student, and instructor complete evaluations at the completion of the rotation.

160 Contact Hours. Prerequisites: PHT 111, PHT 112, PHT 113, PHT 114, PHT 115, PHT 116, PHT 117, PHT 118, PHT 119, and PHT 120.

PHT 205 CERTIFICATION REVIEW (.5)

Prepares the student for the national Pharmacy Technician Certification Examination.

8 Contact Hours. Prerequisite: Completion of PHT certificate program or prior work experience as a pharmacy technician.

See the list of Specialized Pharmacy Technician Courses on the first page of this Course Offerings section.

PHT 207 DRUG CLASSIFICATION (3)

Emphasizes the drug classes, such as over-the-counter vs. prescription drugs, scheduled drugs, and the laws pertaining to each. Includes the drug development process, the different pregnancy classifications and the degree of potential harm for each class, and the commonly used drugs that can be addictive, abused and potentially lethal. Examines dosage forms, routes of administration, selection and recommendation of Over the Counter drugs and natural products, and memorize trade and generic names.

45 Contact Hours.