



# PHARMACY TECHNICIAN

## Pharmacy Technician Certification

Fill prescriptions, collaborate with a licensed pharmacist, and engage with pharmacy customers

The curriculum includes off site clinicals and on site lab experience. The pharmacy technician program will help students learn a variety of skills used in the industry, including the following:

- Perform clerical work in medical settings
- Verify accuracy of patient information
- Prepare medications or medical solutions
- Process medical billing information
- Maintain inventory of medical supplies or equipment

### Pre-requisites:

- English and math proficiency: at minimum a level of proficiency in math of 9th grade and a level of proficiency in reading and writing of 10th grade.

### Requirements for eligibility for state licensure:

- Students must be a minimum of 18 years of age by March 1st of second semester of program
- Students must possess a high school diploma or GED
- Must be able to pass a criminal background check and drug screen and be willing to comply with State Board of Pharmacy and employers' immunization requirements, which may include:
  1. Yearly vaccinations for the influenza virus
  2. Full vaccination for COVID-19
  3. Completion of the hepatitis B vaccine series
  4. Tuberculosis (TB) test current within one year

### Suggested physical abilities:

- Capable of lifting 30 pounds
- Capable of sustained activity for 5 hours at a time

### Class Hours:

- Morning: 7:50am - 10:40am Mon.- Fri.
- Afternoon: 12:05pm - 2:55pm Mon.- Fri.
- Program is 2 semesters in length, with start dates in Fall.

## Tuition and Credit Hour Calculation

### Semester 1

$$\begin{array}{r} \$1,950.00 \text{ (Tuition)} \\ + \$200.00 \text{ (Credit Hour Fee)} \\ \hline \$2,150.00 \end{array}$$

### Semester 2

$$\begin{array}{r} \$2,080.00 \text{ (Tuition)} \\ + \$210.00 \text{ (Credit Hour Fee)} \\ \hline \$2,290.00 \end{array}$$

*Based on Colorado Resident In-State Tuition*

## Estimated Program Costs *(to be paid at Picken's payment office)*

### Tuition and Credit Hour Fees:

**Semester 1:** \$2,150.00

**Semester 2:** \$2,290.00

### Required On Campus Costs:

**Program Charges:** \$500.00 (each semester)

**Student ID:** \$10.00 (each year)

**CTSO Charge:** \$20.00 (each year)

**Books & Supplies:** \$181.00 (+ tax)

**Clinical Charges:** \$2,600.00 (semester 2)

**Heart Code BLS CPR/AED - Hands-on:** \$20.00 (semester 1)

### Estimated Total:

**Pharmacy Technician Certificate:** \$8,271.00 (+tax)

## Additional Relevant Costs *(estimated)*

### Required Off Campus Costs:

**Heart Code BLS Course Charge - Supplies:** \$25.00

**Heart Code CPR Online Certification - Course:** \$28.50 (+ tax)

**Pharmacy Technician Certificate Board (PCTB):** \$130.00 (+ tax)

**Mandatory Background and Drug Test:** \$61.20

**Pharmacy Technician License Fee:** \$65.00

### Optional Costs:

**Colorado Pharmacy Society Fee:** \$45.00

**Immunizations Certification Training:** \$99.00

**Credits:**  
**30.5**

**Length:**  
**1 year**

**Cost:**  
**\$8,271**



Cost and information revised **March 2023**

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# PHARMACY TECHNICIAN

## Courses required for this certificate: Semester 1

### HPR 1011 CPR for Professionals

Meets the requirements for American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for those who work in Emergency Services, Health Care and other professional areas. Material presented in this course is basic patient assessment, basic airway management, rescue breathing, AED use and CPR for infant, children and adult patients.

### PHT 1011 Introduction to Pharmacy

Introduces the practice of pharmacy and the work that pharmacy technicians perform. The course provides an overview of careers within the field; educational, certification and accreditation requirements; ethical and legal responsibilities; pharmacology; as well as a variety of issues that touch on attitudes, values and beliefs of successful pharmacy technicians.

### PHT 1020 Medical Insurance Procedures

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 allow students hands-on technical experience.

### PHT 1035 Pharmaceutical Calculations And Compounding Techniques

Develops the skills necessary to perform calculations essential to the duties of pharmacy technicians in a variety of contemporary settings. This course also applies these skills in hands-on compounding of pharmaceutical products emphasizing the importance of accuracy, quality and infection control.

### PHT 1015 Pharmacology I

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.

### PHT 1016 Pharmacology II

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. Serves as the second part of the two-part presentation of the basic concepts of pharmacology.

## Courses required for this certificate: Semester 2

### PHT 1012 Pharmacy Law and Ethics

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.

### PHT 1041 Community Pharmacy

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.

### PHT 1071 Pharmacy Clinical: Community

Provides the students with hands on experience in a community pharmacy setting. 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.

### PHT 1017 Drug Classification

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 OTC drugs and natural products, and memorize trade and generic names.



This program is recognized by the Pharmacy Technician Certification Board (PTCB)



This program is American Society of Health System Pharmacists (ASHP) accredited as an entry level pharmacy technician program

## PHARMACY TECHNICIAN CERTIFICATE

**Certificate Total:** Clock Hours: 600 Credit Hours: 30.5

**Certificate Length:** 2 semesters

Graduate performance in 2/4/2020 - 3/6/2023 49% first time pass rate on Pharmacy Technician Certification exam (PTCE) administered by the Pharmacy Technician Certification Board (PTCB)

Additional costs may apply. All books, kits & supply costs are estimated. Cost, information, and classes are subject to change. Statistics present are based on the US Bureau of Labor Statistics. This certificate is eligible for Financial Aid. You may begin the Financial Aid process by completing your Free Application for Federal Aid (FAFSA) at [www.FAFSA.ed.gov](http://www.FAFSA.ed.gov). If you have further questions, please call (303)344-4910.