

PHARMACY TECHNOLOGY, D.A.S. - PHM1

Graduates of the Pharmacy Technology diploma are health care professionals who assist the pharmacist in a community setting to provide quality health care related to medication administration. In addition to the skills acquired to become a pharmacy technician, students will learn to read medication orders, mix parenteral medications, assemble unit-doses of medications and prepare 24-hour patient medication carts. Students will also learn proper labeling for oral and parenteral medications. In order to become a South Carolina state certified pharmacy technician, the student must earn the Pharmacy Technology diploma, work 1,000 hours as a registered pharmacy technician, and pass the Pharmacy Technician Certification Exam (PTCE) administered by the Pharmacy Technician Certification Board (PTCB).

Students are required to maintain a current American Heart Association "Basic Life Support" certification throughout the major studies courses. Prior to beginning the clinical phase of the pharmacy technology program, the student must complete MAT 152 Elementary Algebra, MAT 101 Beginning Algebra or have the appropriate test scores.

Note: Drug Testing and Background Check will be completed during the first semester.

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 101	English Composition I	3
MAT 155	Contemporary Mathematics	3
PSY 103 or PSY 201	Human Relations General Psychology	3
Subtotal		9
Required Core Subject Areas		
PHM 101	Introduction to Pharmacy	3
PHM 103	Pharmacy Law and Ethics	2
PHM 110	Pharmacy Practice	4
PHM 113	Pharmacy Technician Math	3
PHM 114	Therapeutic Agents I	3
PHM 118	Community Pharmacy Seminar	1
PHM 124	Therapeutic Agents II	3
PHM 152	Pharmacy Technician Practicum I	2
PHM 164	Pharmacy Technician Practicum II	4
PHM 173	Pharmacy Technician Practicum III	3
PHM 202	Pharmacological Anatomy and Physiology	4
Subtotal		32
Other Courses Required for Graduations		
AHS 102	Medical Terminology	3
AHS 116	Patient Care Relations	3

Subtotal	6
Total Hours	47

Graduation Plan

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
ENG 101	English Composition I	3
MAT 155	Contemporary Mathematics	3
PHM 101	Introduction to Pharmacy	3
PHM 110	Pharmacy Practice	4
PHM 113	Pharmacy Technician Math	3
Hours		16

Spring Semester

PHM 103	Pharmacy Law and Ethics	2
PHM 114	Therapeutic Agents I	3
PHM 152	Pharmacy Technician Practicum I	2
PHM 164	Pharmacy Technician Practicum II	4
PHM 202	Pharmacological Anatomy and Physiology	4
Hours		15

Summer Semester

AHS 102	Medical Terminology	3
AHS 116	Patient Care Relations	3
PSY 103 or PSY 201	Human Relations or General Psychology	3
PHM 118	Community Pharmacy Seminar	1
PHM 124	Therapeutic Agents II	3
PHM 173	Pharmacy Technician Practicum III	3
Hours		16
Total Hours		47

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

The Pharmacy Technology program is limited to 20 students starting in the fall term on the Greenwood Campus.

Students starting other than fall term can complete general education or developmental/transitional courses as needed.

Students should contact the program coordinator during the enrollment process.

Notes on Individual Courses

The first English required for this program is ENG 101. Students will follow this progression, with their starting point being determined by their placement test scores: ENG 032/012 and/or RDG 032/012 (or RWR 032/012) > ENG 100 and/or RDG 100 (or RWR 100) > ENG 101.

The math required for this program is MAT 155. Students will follow this progression, with their starting point being determined by their placement test scores: MAT 032/012 > MAT 155.

Pharmacy Technology Handbook

Read the Handbook (https://www.ptc.edu/sites/default/files/documents/new_healthcare_documents/phm-handbook.pdf)

Health Care Division Handbook

This handbook is designed to be utilized in conjunction with the PTC Academic Catalog, PTC Student Calendar and Handbook and PTC Health Care webpages. Please refer to them for additional information.

Read the Handbook (https://www.ptc.edu/sites/default/files/documents/new_healthcare_documents/hc-handbook.pdf)

Accreditation Information

The Pharmacy Technician program is accredited by the American Society of Health-System Pharmacists, 4500 East West Hwy, Suite 900 Bethesda, MD 20814 (301) 657-3000 (www.ashp.org (<http://www.ashp.org/>)).

Upon graduation, pharmacy technicians registered with the SC Board of Pharmacy must complete 10 hours of continuing education each year to maintain active registration status. Of the required 10 hours, four hours must be "live" hours which can be obtained in-person or via live virtual instruction. SC also requires one hour to be in pharmacy law. Pharmacy technicians certified by the Pharmacy Technician Certification Board (PTCB) are required to complete 20 hours of continuing education every two years. PTCB requires that continuing education include one hour of pharmacy law and one hour of medication safety.

ASHP Pharmacy Technician Program Standards (<https://www.ashp.org/-/media/assets/professional-development/technician-program-accreditation/docs/ashp-acpe-pharmacy-technician-accreditation-standard-2018.ashx?la=en&hash=36EAA6511105A6C6BFEA4F30E193892F19E2C385>)

Pharmacy Technician Examination Data (https://www.ptc.edu/sites/default/files/documents/new_healthcare_documents/phm-outcomes.pdf)

Cost of Attendance (<https://www.ptc.edu/cost-financial-aid/tuition-fees/estimated-cost-attendance/>)

Program Student Learning Outcomes

Purpose Statement

The mission of the Pharmacy Technology program is to provide an economically flexible didactic and clinical competency based curriculum which provides students from diverse backgrounds the opportunity to

master skills required to enter the entry-level job market in community and hospital pharmacy settings. This diploma program also strives to assist students in achieving personal and professional goals as well as instill life-long learning values.

Program Student Learning Outcomes

1. Demonstrate knowledge and understanding of the pharmacy department, technician duties and responsibilities.
2. Demonstrate knowledge of pharmacy/medical terms, abbreviations, and symbols used in prescribing and dispensing medication.
3. Demonstrate procedures for manufacturing, packaging and labeling of drug products.
4. Perform calculations for dosage.
5. Demonstrate knowledge of dosage, route of administration and dose forms.
6. Perform dispensing of controlled substances as per federal and state guidelines.
7. Demonstrate institutional and ambulatory drug preparation and distribution.