

Pharmacy Technology

The Pharmacy Technology curriculum prepares individuals to assist the pharmacist in duties that a pharmacy technician can legally perform and to function within the boundaries prescribed by the pharmacist and the employment agency.

Course work includes and builds upon the domains of health care and pharmaceutical principles. Content emphasizes the pharmacy technician as a member of the interdisciplinary team providing safe, individualized care while employing evidence-based practice, quality improvement, and informatics. Students prepare prescription medications, mix intravenous solutions and other specialized medications, update patient profiles, maintain inventories, package medications and gather data used by pharmacists to monitor drug therapy.

Graduates of this program are eligible to apply to take the certification exam with the Pharmacy Technician Certification Board (PTCB). Employment opportunities are vast within the global health care system. Employment opportunities include retail, hospitals, nursing homes, research laboratories, and pharmaceutical manufacturing facilities.

For specific information about potential positions and wages in pharmacy technology employment, visit the Central Piedmont Career Coach website.

Pharmacy Technology (A45580)

Degree Awarded

The Associate in Applied Science degree – Pharmacy Technology is awarded by the College upon completion of this program.

Admissions

- Complete an admissions application to Central Piedmont.
- Submit high school transcripts, as well as any college transcripts, to Admissions, Records and Registration.
- Take the required placement tests.
- Consult with a counselor or advisor to review placement test scores, program information and select courses for registration.
- Complete any required Developmental Education courses with a grade of 'C' or better.
- Complete and submit a Pharmacy Technology AAS degree application by the deadline date.
- Students must take the TEAS exam and have scores to submit with their AAS degree applications.
- Many courses have prerequisites or co-requisites; check the Courses section for details.
- Progression in this program depends upon a grade of "C" or better in all general education courses and major and related courses.

Applicants to the Pharmacy Technology AAS degree program are selected on a "best prepared" basis. The point system was implemented as an objective means for evaluating Pharmacy Technology applicants. Applicants are ranked based upon points earned, and the students with the highest number of points will be selected each year. Admission points are assigned according to the applicant's documented record. Criteria for selection include scores on standardized tests, past academic performance, and experience in the field of interest.

Notes

Students must demonstrate basic computer competencies through coursework or testing. The division director of Computer Office and Information Systems determines equivalent competency.

In addition to tuition and textbooks, costs of this program include uniforms, physical examination, criminal background check, and specific vaccinations. The student must provide proof of health and accident insurance.

The North Carolina State Board of Pharmacy may request information regarding having been charged with or convicted of violating any controlled substances laws or charged or disciplined by any licensing or permitting authority, federal or state, on the application for registration. The Board of Pharmacy may decide not to register an individual based on the results of an investigation. A candidate may be disqualified for Pharmacy Technician Certification Board (PTCB) certification upon the disclosure or discovery of:

- criminal conduct involving the candidate.
- State Board of Pharmacy registration or licensure action involving the candidate.
- Violation of a PTCB Certification policy, including but not limited to the Code of Conduct.

To participate in clinical education experiences at health care facilities, students are required to submit results of a criminal background check at their own expense. As a condition of program admission, students are required to verify that they are United States citizens or are otherwise legally authorized residents of the United States. Students also are required, at their own expense, to submit to a 13-panel drug screen.

Contact Information

For more information, visit the Pharmacy Technology Program website. For further assistance, contact the Program Chair at 704.330.6432.

General Education Requirements

ENG 111	Writing and Inquiry	3.0
PSY 150	General Psychology	3.0
Select 3.0 credits from the following:		3.0
ENG 112	Writing and Research in the Disciplines	
COM 110	Introduction to Communication	
COM 231	Public Speaking	
Select 3 credits of the following:		3.0
ART 111	Art Appreciation	
ART 114	Art History Survey I	
ART 115	Art History Survey II	
HUM 120	Cultural Studies	
DRA 111	Theatre Appreciation	
HUM 130	Myth in Human Culture	
MUS 110	Music Appreciation	
MUS 112	Introduction to Jazz	
PHI 215	Philosophical Issues	
PHI 240	Introduction to Ethics	
REL 110	World Religions	
Select 3 credits of the following:		3.0
MAT 143	Quantitative Literacy	
MAT 152	Statistical Methods I	

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MAT 171	Precalculus Algebra	
Major Requirements		
PHM 110	Introduction to Pharmacy	3.0
PHM 111	Pharmacy Practice I	4.0
PHM 115	Pharmacy Calculations	3.0
PHM 118	Sterile Products	4.0
PHM 120	Pharmacology I	3.0
PHM 125	Pharmacology II	3.0
PHM 140	Trends in Pharmacy	2.0
PHM 150	Hospital Pharmacy	4.0
PHM 155	Community Pharmacy	3.0
PHM 160	Pharm Dosage Forms	3.0
PHM 165	Pharmacy Prof Practice	2.0
PHM 132	Pharmacy Clinical	2.0
PHM 134	Pharmacy Clinical	4.0
PHM 138	Pharmacy Clinical	3.0
or PHM 133	Pharmacy Clinical	
or PHM 135	Pharmacy Clinical	
or PHM 136	Pharmacy Clinical	
PHM 265	Professional Issues	3.0
MED 121	Medical Terminology I	3.0
Take 1 course from the following:		3.0-5.0
BIO 161	Introduction to Human Biology	
BIO 110	Principles of Biology	
BIO 111	General Biology I	
BIO 112	General Biology II	
BIO 163	Basic Anatomy & Physiology	
BIO 168	Anatomy and Physiology I	
Total Credits		67-69

Pharmacy Technology Diploma (D45580)

The Diploma Program prepares graduates to perform essential functions in various areas of retail pharmacy practice. The program provides employers with competent technicians to assist the pharmacist within their scope of practice and perform necessary unsupervised daily tasks, including basic to extensive medication preparation, dosage calculations, compounding, patient information maintenance, inventory, and quality control. Graduates of the diploma program are eligible to take the National Certification Exam administered by the Pharmacy Technician Certification Board (PTCB) to become a Certified Pharmacy Technician.

General Education Requirements

BIO 161	Introduction to Human Biology	3.0-5.0
or BIO 110	Principles of Biology	
or BIO 111	General Biology I	
or BIO 112	General Biology II	
or BIO 163	Basic Anatomy & Physiology	
or BIO 168	Anatomy and Physiology I	
MAT 143	Quantitative Literacy	3.0-4.0
or MAT 152	Statistical Methods I	
or MAT 171	Precalculus Algebra	
ENG 111	Writing and Inquiry	3.0
COM 110	Introduction to Communication	3.0
or COM 231	Public Speaking	

MED 121	Medical Terminology I	3.0
Major Requirements		
PHM 110	Introduction to Pharmacy	3.0
PHM 111	Pharmacy Practice I	4.0
PHM 115	Pharmacy Calculations	3.0
PHM 120	Pharmacology I	3.0
PHM 140	Trends in Pharmacy	2.0
PHM 125	Pharmacology II	3.0
PHM 134	Pharmacy Clinical	4.0
PHM 155	Community Pharmacy	3.0
PHM 165	Pharmacy Prof Practice	2.0
Total Credits		42-45

Health Sciences Certificate (C45940)

Health Sciences Certificate with a Specialization in Fundamentals in Pharmacy Technology (C45940-C1)

This certificate also is available to high school students through the Career and College Promise program.

Major Requirements

HSC 110	Orientation to Health Careers	1.0
HSC 140	Transcultural Healthcare	2.0
HEA 112	First Aid & CPR	2.0
MED 121	Medical Terminology I	3.0
PHM 110	Introduction to Pharmacy	3.0
PHM 140	Trends in Pharmacy	2.0
Total Credits		13