

2025 Binghamton University Entry Level Pharmacy Technician Curriculum Overview

Hours	2025 Curriculum	Minimum Hours Required for Program Accreditation by PTAC
Didactic	223	120
Simulation	64	50
Experiential	160	130
Total	447	400

420 Hours Required for Program Completion/Microcredential; PTAC=Pharmacy Technician Accreditation Council

2025 Curriculum and Schedule*

	Dates	Topics	Format
Orientation	June 30th	Program overview/requirements for graduation/learner handbook ^a	In Person
Module 1	July 7 - 10 (4 days)	Professionalism/Academic Integrity Study Skills Self-Management Working in Teams Professional Communication Controlled Substance Laws Pharmacy Law OSHA/Workplace Safety Training OSHA/Blood Borne Pathogens Training Protected Health Information/Protecting Patient Privacy/HIPAA Law Training	In Person
Module 2	July 11 - Aug 10 (31 days)	Basic Math/Formulas/Pharmacy Calculations Pharmacology Overview Laboratory Monitoring Reading a Prescription Infection Control Nonsterile Compounding Sterile Compounding Billing, Reimbursement, Payment Systems Pharmacy Informatics and Technology Pharmaceutical Supply Chain Medication Area Inspections Medication Waste Disposal Medication Histories Tech Check Tech	Remote Asynchronous (On-line)
Module 3	Aug 11 - Aug 22 (10 days, Monday - Friday)	Calculations Calculations Mastery Exam Self-Management Reading a Prescription/Medication Order Prescription Labels Prescription Fill Process Prescription Error Identification Immunization Training Sterile Compounding Nonsterile Compounding AHA Basic Life Support Training	In Person

		Ethics Taking Medication Histories/Patient Interviewing ^{a,b} Tech Check Tech Medication Safety (IPE Activity) ^a	
Module 4	Aug 23 - Sept 3 (11 days)	Anatomy/Physiology/Pharmacotherapeutics/Top 200 Drugs Pharmacy Law and Confidentiality Career Development Pharmacy Practice: Hospital, Specialty Pharmacy, Community, Ambulatory Care, Home Care Diversity, Equity and Inclusion Medication Safety Pharmacokinetics/Pharmacogenomics Point of Care Testing Communication and Teamwork Business Math Real World Practice Applications Disease Prevention Emergency Preparedness Pharmacotherapeutics Top 200 Drugs Mastery Exam	Remote Asynchronous ^c (On-line)
Module 5	Sept 8 - Oct 31 (8 weeks)	Community (80 hrs) and Hospital (80 hrs) Experiential Rotations	In Person Full-time 4 weeks (two, 2 week consecutive rotations) over 8 weeks
Module 6	Nov 1 - Nov 14 (14 days)	PTCB Exam Registration, Preparation, Review	Remote Asynchronous (On-line)
Module 7	Nov 17 - Nov 21 (4 days)	Pharmacology Review Pharmacotherapeutics/Brand Generic Top 200 Review Calculations Review Mometrix PTCB Practice Exams Advanced Pharmacy Technician Roles and Certifications Pharmacy Technician Continuing Education Writing and Reviewing a Resume ^b Job Interviewing Skills ^a	In Person
Graduation	Nov 21	Pending Completion of Requirements	

* Schedule subject to change. a=English speaking skills assessed; b=English writing skills assessed; c= Weekly Remote Synchronous Zoom review meetings with Program Director;

See the Learner Handbook for a list of Program Milestones (points at which learners may be academically or administratively dismissed from the program.)