



PTCB
TEST PREP

YOUR PTCB EXAM SUCCESS IS **OUR PRIORITY**

2025 – 2026 Syllabus

Who Are We?

At PTCB Test Prep, we specialize in helping aspiring pharmacy technicians achieve their goals — and we've been doing exactly that since 2017. What started as a simple idea to make PTCB exam preparation more effective and accessible has grown to become the largest such platform in the United States.

Since our founding, we've supported over 200,000 students and professionals in passing both the PTCB and ExCPT exams. Our commitment to quality, student success, and evidence-based learning has made us a go-to resource for technicians and institutions alike.

Our course is designed to do more than just prepare you for the test — it's built to give the confidence, clarity, and knowledge you need to succeed. Unlike other prep providers that recycle outdated materials, we constantly update our content to reflect the most recent PTCB exam standards, ensuring that what you study is always relevant. From in-depth lessons and instant feedback quizzes to full-length practice exams and personalized study plans, every part of our platform is built with one purpose: to help you pass the PTCB exam the first time.

We continue to actively work with colleges, vocational schools, and pharmacies across the country to provide custom-tailored educational resources that integrate seamlessly into existing curriculums. Whether it's supplementing classroom instruction or providing full-scale online prep solutions, our partnerships are built on trust, results, and a shared commitment to student achievement.

At PTCB Test Prep, we're more than a test prep product — we're a support system, an educational partner, and a proven pathway to certification success.

Our Course.

The PTCB exam is challenging — and that's why we've built a course that goes beyond the basics. At PTCB Test Prep, our program is carefully crafted to give pharmacy technician candidates everything they need to study smarter, not harder.

Our comprehensive course covers all four knowledge domains of the PTCB exam: **Medications, Federal Requirements, Patient Safety and Quality Assurance, and Order Entry and Processing**. Each topic is broken down into clear, easy-to-follow lessons designed by experienced pharmacy professionals and educators. Whether you're just starting out or brushing up before test day, our course adapts to your pace and your goals.

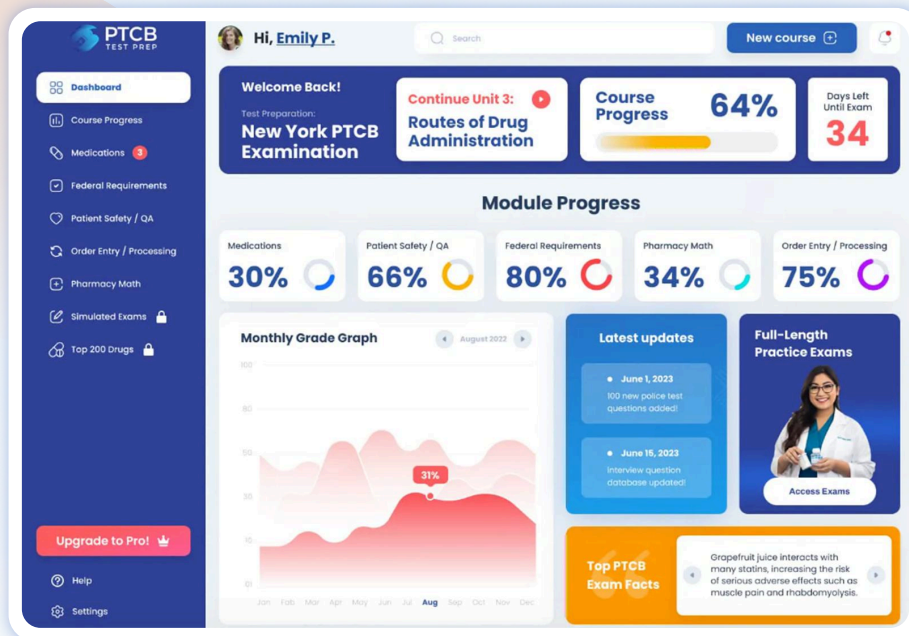
Included in your PTCB Test Prep course program:

- ✓ Engaging, structured lessons that simplify complex pharmacy concepts
- ✓ Over 3,000+ practice questions with detailed explanations
- ✓ End of module assessments – watch your progress grow over time
- ✓ 4x full-length, timed practice exams that simulate the real PTCB experience
- ✓ Access to our flashcard suite – with 1,050 flashcards
- ✓ Top 200 drugs mastery – the key drugs you need to know
- ✓ Progress tracking and performance analytics to help you focus on what matters most
- ✓ Mobile-friendly access — study anytime, anywhere
- ✓ 24/7 access to our support and tutoring team

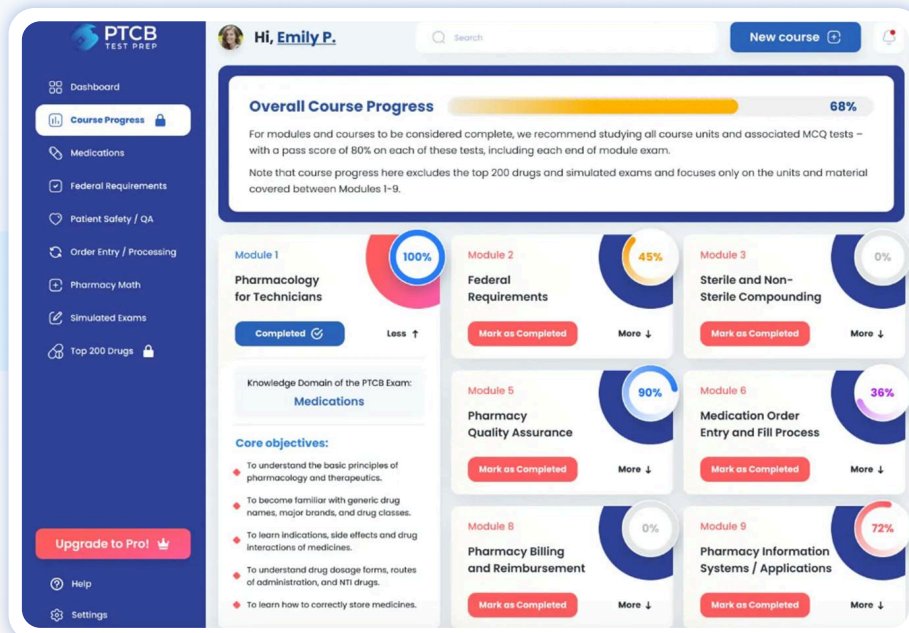
We don't believe in "one-size-fits-all" learning. That's why our course also features personalized study plans, allowing students to focus on their weak areas and build confidence where they need it most.

Plus, we continuously update our course materials to reflect the latest PTCB exam blueprint, so you're always studying the most accurate, up-to-date information.

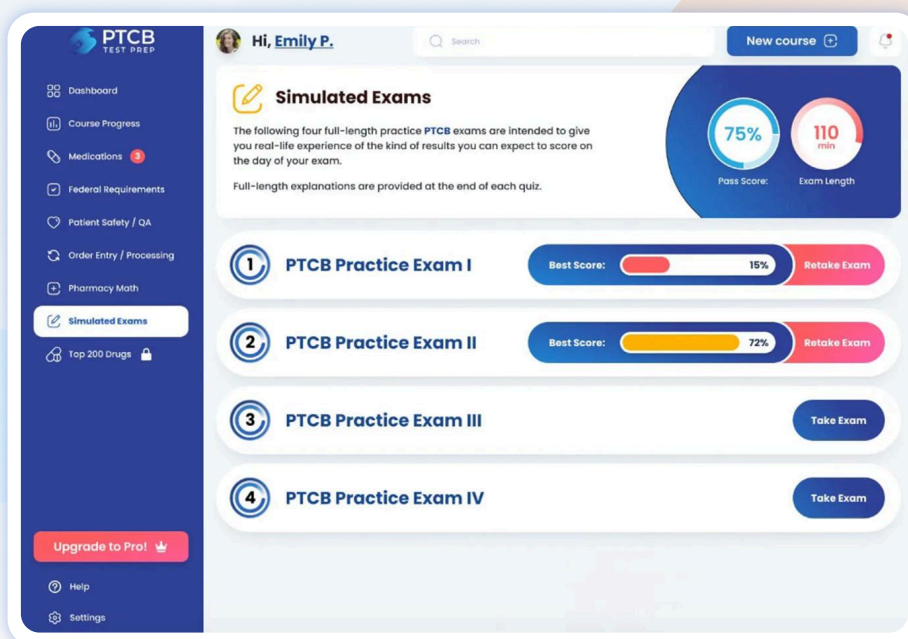
Your Learning Dashboard.



Main dashboard interface – both mobile and tablet friendly, too.



Monitor your course progress throughout your study preparation.



PTCB TEST PREP

Hi, Emily P.

Simulated Exams

The following four full-length practice PTCB exams are intended to give you real-life experience of the kind of results you can expect to score on the day of your exam.

Full-length explanations are provided at the end of each quiz.

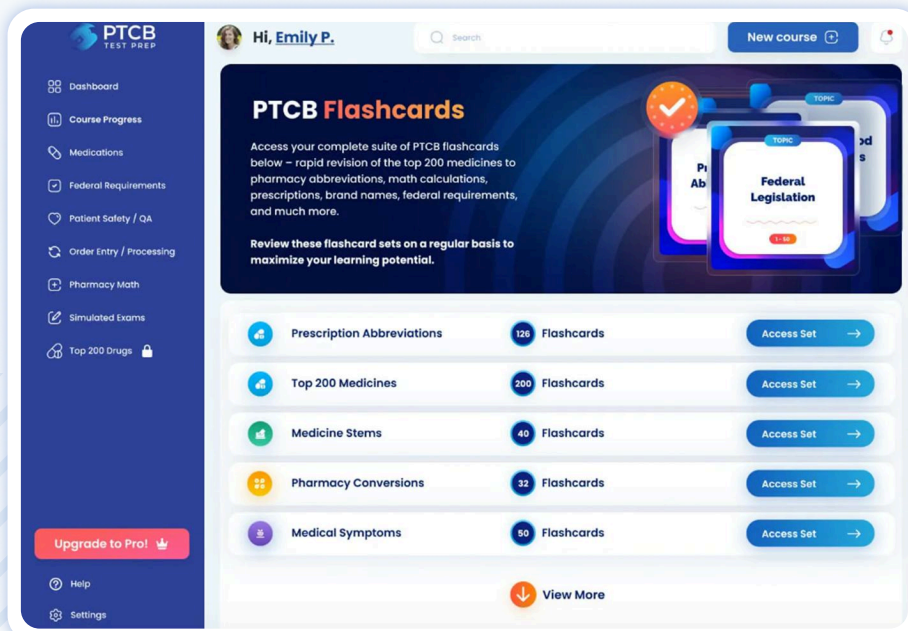
75% Pass Score | 110 min Exam Length

Exam ID	Exam Name	Best Score	Action
1	PTCB Practice Exam I	15%	Retake Exam
2	PTCB Practice Exam II	72%	Retake Exam
3	PTCB Practice Exam III		Take Exam
4	PTCB Practice Exam IV		Take Exam

Upgrade to Pro!

Help | Settings

Take our simulated practice exams as many times as you need to.



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Hi, Emily P.

PTCB Flashcards

Access your complete suite of PTCB flashcards below – rapid revision of the top 200 medicines to pharmacy abbreviations, math calculations, prescriptions, brand names, federal requirements, and much more.

Review these flashcard sets on a regular basis to maximize your learning potential.

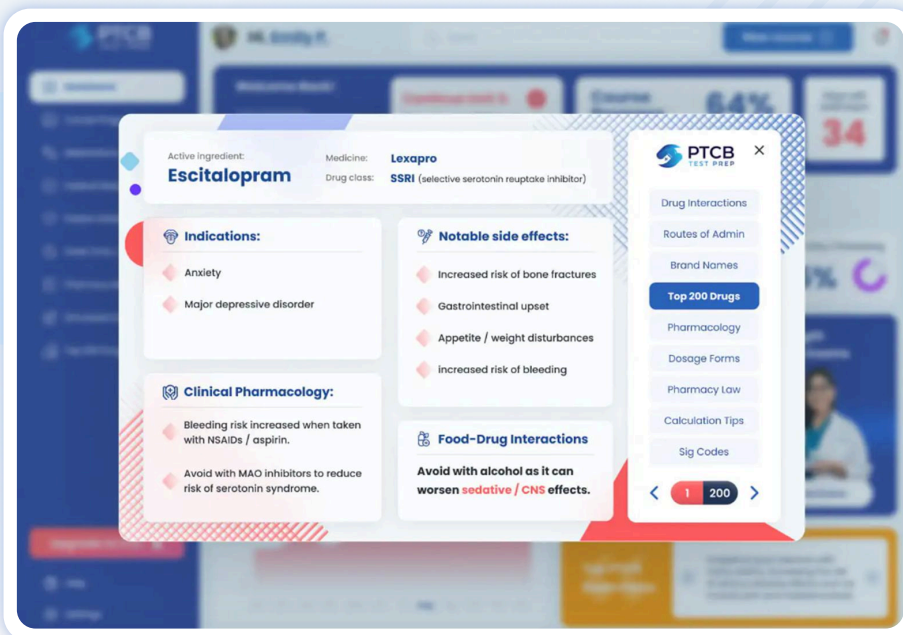
Flashcard Set	Count	Action
Prescription Abbreviations	126 Flashcards	Access Set →
Top 200 Medicines	200 Flashcards	Access Set →
Medicine Stems	40 Flashcards	Access Set →
Pharmacy Conversions	32 Flashcards	Access Set →
Medical Symptoms	50 Flashcards	Access Set →

View More

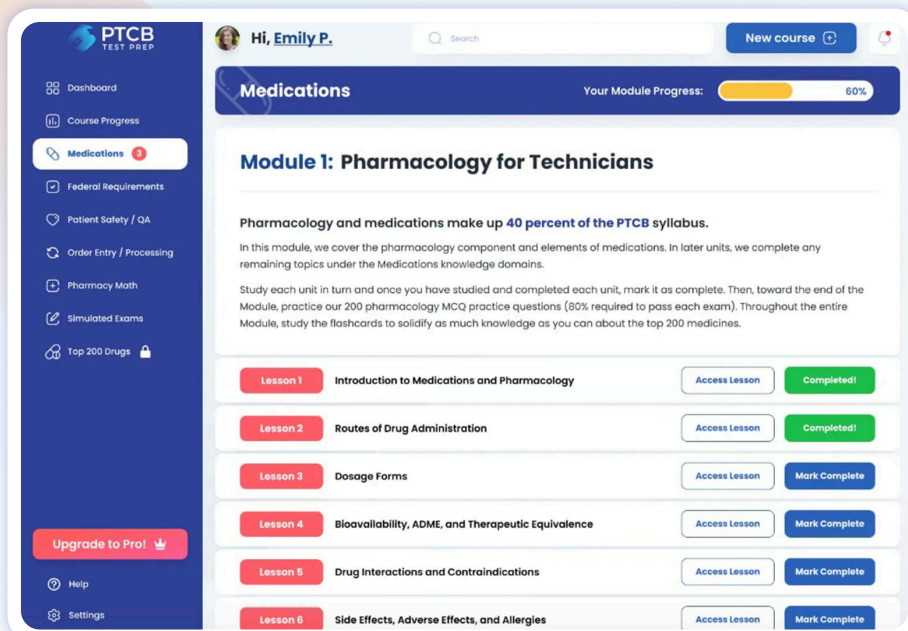
Upgrade to Pro!

Help | Settings

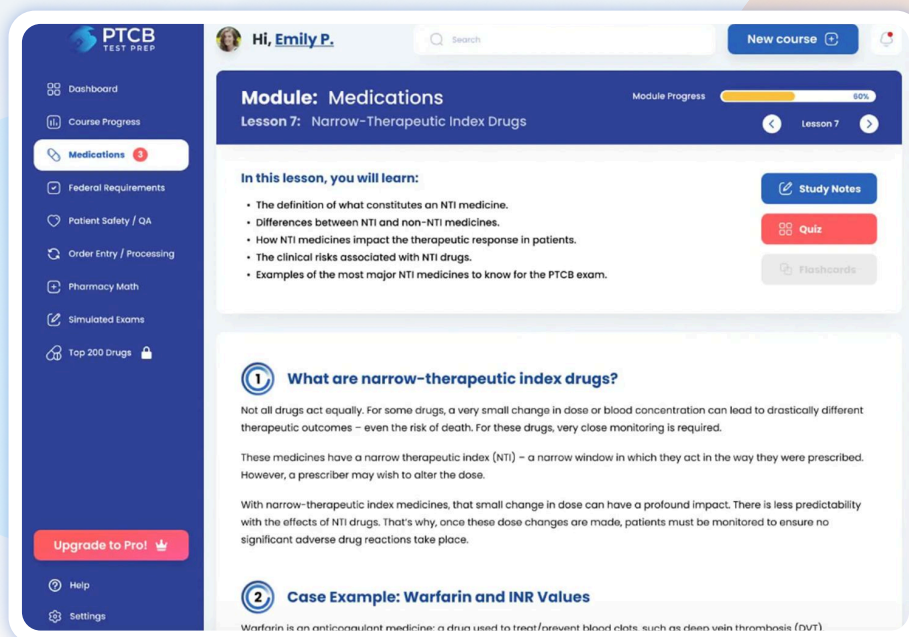
Perfect your revision with over 1,000 PTCB flashcards.



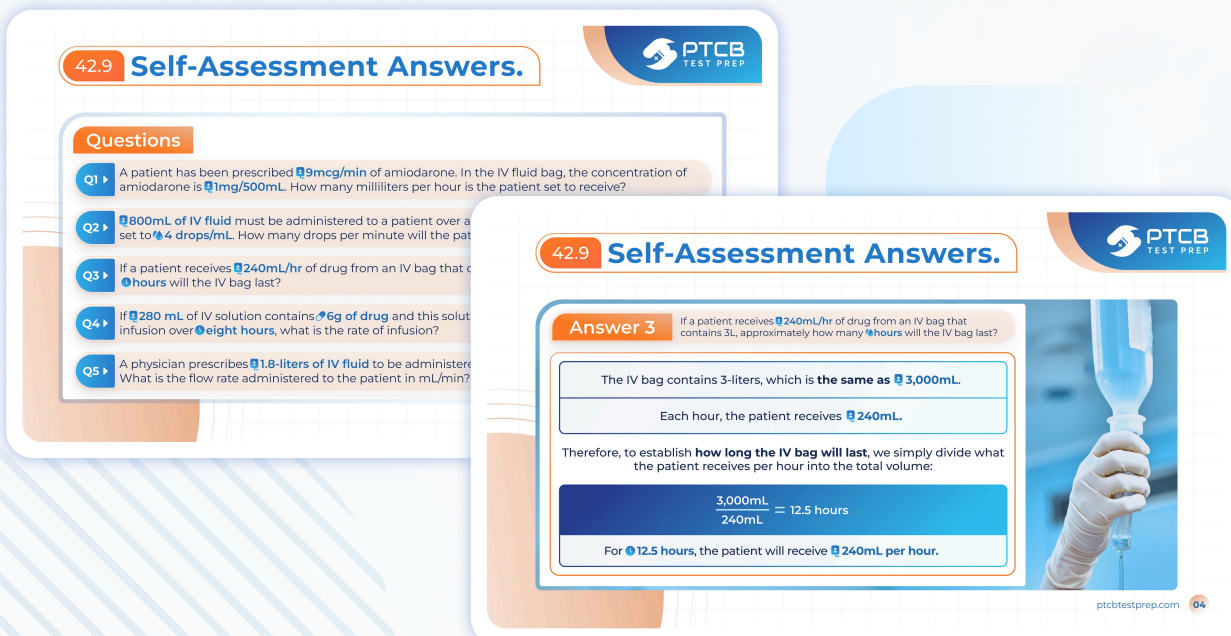
Master the top 200 drugs with our seamless, straight to the point facts.



Work through each module and lesson at your own pace.



All lessons come with study notes, quiz review, and top tips.



Master PTCB pharmacy math with our lessons and downloadable PDF notes.

2025 – 2026 Syllabus



Module 1

Pharmacology for Technicians

Unit 1	Introduction to Medications and Pharmacology
Unit 2	Fundamental Principles of Pharmacology
Unit 3	Routes of Drug Administration
Unit 4	Dosage Forms
Unit 5	Bioavailability, ADME, and Therapeutic Equivalence
Unit 6	Drug Interactions and Contraindications
Unit 7	Side Effects, Adverse Effects and Allergies
Unit 8	Narrow Therapeutic Index Drugs
Unit 9	Vitamins, Herbal and Dietary Supplements
Unit 10	Pharmacology Classes – Medicine Review



Module 2

Federal Requirements

Unit 11	Federal Legislation for Pharmacy Technicians
Unit 12	Regulatory Bodies
Unit 13	REMS – Risk Evaluation and Mitigation Strategies
Unit 14	Controlled Substances
Unit 15	Hazardous and Non-Hazardous Waste



Module 3

Sterile and Non-Sterile Compounding

Unit 16	Basic Principles of Sterile Compounding
Unit 17	Laminar Flow Hoods
Unit 18	Aseptic Technique
Unit 19	Aseptic Equipment and Tools
Unit 20	Non-Sterile Compounding



Module 4

Medication Safety

Unit 21	Strategies in the Prevention of Medication Error
Unit 22	DURs - Drug Utilization Reviews
Unit 23	MedGuides, PILs, MedWatch, and Beer's Criteria
Unit 24	Sentinel Events and Root Causes Analyses
Unit 25	Key Definitions in Medication Safety Standards



Module 5

Quality Control and Quality Assurance in Pharmacy

Unit 26	Principles of QA and QC in Pharmacy
Unit 27	Drug Recalls and Hospital Coding
Unit 28	In Practice – Quality Assurance in the Workplace



Module 6

Medication Order Entry and Fill Process

Unit 29	Sig Codes and Prescription Interpretation
Unit 30	Anatomy of a Prescription
Unit 31	The Dispensing Process – From Entry to Labelling



Module 7

Pharmacy Inventory Management

Unit 32	Inventory Management and the Formulary
Unit 33	Ordering, Managing, and Storing Medicines
Unit 34	Medicines with Special Requirements



Module 8

Pharmacy Billing and Reimbursement

Unit 35	Insurance Plans, Billing, and Reimbursement
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Module 9

Pharmacy Information Systems

Unit 36

ADCs – Automated Dispensing Cabinets

Unit 37

Computer Systems in Pharmacy



Module 10

PTCB Pharmacy Math

Unit 38

Conversions and Formulae for Pharmacy Technicians

Unit 39

Dosage Calculations

Unit 40

Pediatric Dosage Calculations

Unit 41

Alligations

Unit 42

IV Flow Rates and Infusions

Unit 43

Retail Pharmacy Math

PTCB Flashcard Suite

Our comprehensive flashcard suite includes over 1,000 flashcards, designed to help technicians quickly master key pharmacy concepts, terms, and drug information.

Covering all major topics tested on the PTCB exam — including brand and generic drug names, classifications, dosage forms, side effects, and federal regulations — our flashcards are an essential tool for active recall and long-term retention. Organized by topic and optimized for both desktop and mobile use, they make it easy for technicians to study on the go, reinforce their knowledge, and build confidence with every session.

Topics covered include:

- Prescription Abbreviations
- Top 200 Drugs and Medicines
- Medicine Stems
- Pharmacy Math and Conversions
- Medical Symptoms
- Controlled Substances
- Federal Legislation
- Regulatory Bodies
- Mechanisms of Action
- Disease
- Codes – DEA, DAW, and NDC
- Medical Prefixes
- Side Effects
- Core Pharmacy Definitions
- DEA Forms
- Drug Interactions / Contraindications
- Top 100 PTCB Facts

Collaborate With Us.

Are you a college or pharmacy looking to train your technicians for the upcoming PTCB exam?

We work with colleges and pharmacies throughout the country to help technicians pass the PTCB exam. We create bespoke solutions for you, complete with discounted rates.

The Process:

1



Get in touch with our team and let us know how many technicians you would like to sign up.

2



We will get back to you with a custom, discounted rate.

3



Once the invoice is cleared, we will create all membership accounts for you – typically within 24-hours. We require the name and email address of each technician to complete this process.

Note:

As per our terms of service, businesses, colleges, and pharmacies must create accounts for students through this process. Shared accounts, including accounts used for academic purposes, are not permitted. Get in touch with us if you have any questions!

Any Questions?

If you have any questions about our program and how it can assist you, get in touch with a member of our team today.



You can email us at:

support@ptcbtestprep.com

Alternatively, you can use the contact form on our website, which can be found at:
ptcbtestprep.com/contact-us