

Pharmacy technician course

Introduction

SECTION 1: History and scope of the pharmacy technician

SECTION 2: Manufacturing pharmaceuticals

SECTION 3: Rules and regulations

SECTION 4: Controlled substances

SECTION 5: Pharmacy safety

SECTION 6: Drug classifications

SECTION 7: Sterile and non-sterile compounding

SECTION 8: Pharmacy quality assurance

SECTION 9: Mathematics in pharmacy

SECTION 10: Inventory management

SECTION 11: Pharmacy billing and reimbursement

SECTION 12: Information systems

Activity summary

- Activity title: Pharmacy technician course
- Release date: 2024-06-01
- Expiration date: 2027-05-31
- Estimated time to complete activity: 8 hours
- The exam includes 50 multiple choice questions, you must achieve 84% or better to pass.
- Course is compliant with Section 508 of the Americans with Disabilities Act (ADA) and includes text captioning for audio components.
- This course is accessible with any web browser.
- Jointly provided by Postgraduate Institute for Medicine and Pacific Medical Training.
- PIM Activity ID: 18520-2

Target audience

This activity has been designed to meet the educational needs of pharmacy technicians, physicians, physician assistants, nurse practitioners, registered nurses, pharmacists and dentists who endeavor to take the Pharmacy Technician Certification Board (PTCE) exam.

Educational objectives

Participants in this program will be able to:

- Describe the history and scope of the pharmacy technician.
- Summarize the manufacturing process of pharmaceuticals.
- Identify the difference between brand and generic medication.
- Explain the Food and Drug Administration's role in the approval process of bringing medication to the market.
- Discuss the federal, state, and/or local rules and regulations of the pharmaceutical industry.
- Categorize controlled substances based on their potential for addiction and abuse.
- Identify forms for storing, maintaining, and distributing controlled substances.
- Recall prescribing and filing rules and regulations for controlled substances.
- Demonstrate pharmacy safety, such as storage and handling of hazardous substances.
- Describe the purpose of restricted drug programs.
- Identify the specific job duties that are only done by a licensed pharmacist.
- Underline common drug interactions.
- Distinguish drug classifications according to their function.
- Express the purpose and methods of sterile and non-sterile compounding of medications.
- Explain the importance and various aspects of pharmacy quality assurance.
- Demonstrate a general understanding of mathematics in pharmacy.
- Employ pharmacy inventory management.
- Summarize pharmacy billing and reimbursement.
- Discuss the use of pharmacy information systems that are in use to manage the prescription needs of patients.

Content planners/faculty

- Judith Haluka, B.S., RCIS, EMT-Paramedic — State of Pennsylvania

Types of CE credits available and eligibility requirements for each credit type

- ACPE: Accreditation Council for Pharmacy Education (ACPE) credit is available to Pharmacists and Pharmacy Technicians. In order to earn ACPE credit, we are required by the National Association of Boards of Pharmacy (NABP) and ACPE to collect both your NABP number and date of birth in MM/DD format. You must enter it during registration to receive credit. You CANNOT use an organization/MTF NABP number, it must be YOUR number. If you do not have an NABP number, please go to https://store.nabp.net/OA_HTML/xxnabpibeGblLogin.jsp and sign up for this number. If you do not provide this information, you will not earn credit. All CE eligibility requirements noted above must be adhered to in order to receive this certification. Please note, due to ACPE guidelines, all credit awarded by ACPE accredited providers to Pharmacists and Pharmacy Technicians will be available via CPE Monitor. If participants would like a paper statement of credit, they may print an individual statement of credit or a transcript from their NABP e-profile.

Joint Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine and Pacific Medical Training. Postgraduate Institute for Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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INTERPROFESSIONAL CONTINUING EDUCATION

Continuing pharmacy education

Postgraduate Institute for Medicine designates this continuing education activity for 8.0 contact hours (0.8 CEUs) of the Accreditation Council for Pharmacy Education.

Universal Activity Number – JA4008162-9999-25-169-H01-P

Universal Activity Number – JA4008162-9999-25-169-H01-T

Type of activity – Knowledge

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The faculty, planning staff, and content managers for this activity have nothing to disclose. The PIM planners and staff have nothing to disclose.

Method of participation and request for credit

During the accreditation period, participants must read the learning objectives, faculty disclosures and study the entire educational activity.

If you wish to receive acknowledgment for participation of this CME/CE activity, you must complete the following:

- Complete the post-test and evaluation online within 10 days of the activity.
- Upon successfully completing the post-test with a score of 84% or better and the activity evaluation, your certificate will be made available via email.

For Pharmacists and Pharmacy Technicians:

- You must provide your NABP ePID and date of birth in MM/DD format during registration to receive credit.
- Upon successfully completing the post-test with a score of 84% or better and the activity evaluation form, transcript information will be sent to the NABP CPE Monitor Service within 4 weeks.
- You are not eligible to receive ACPE credit if you have previously received credit for this activity.

If you have questions regarding the certification of this activity, please contact PIM via email at inquiries@pimed.com.

Media

Internet

Disclosure of unlabeled use

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The planners of this activity do not recommend the use of any agent outside of the labeled indications. The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of the planners. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

Disclaimer

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications and/or dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.