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: 2021-06-01
- Expiration date: 2024-06-01
- Estimated time to complete activity: 8 hours
- This course is accessible with any web browser.
- This course is jointly provided by Pacific Medical Training and Postgraduate Institute for Medicine (PIM). You may reach PIM at inquiries@pimed.com

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

After completing this activity, the participant should be better 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.

Faculty

- Judith Haluka, EMT-Paramedic – State of Pennsylvania

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.

Pharmacist continuing education

Postgraduate Institute for Medicine designates this continuing education (CE) activity for 8 contact hours or 0.8 continuing education units (CEUs) of the Accreditation Council for Pharmacy Education.

Universal Activity Number – JA4008162-9999-21-2769-H04-T

Type of activity: Knowledge

Disclosure of conflicts of interest

Postgraduate Institute for Medicine (PIM) requires faculty, planners, and others in control of educational content to disclose all their financial relationships with ineligible companies. All identified conflicts of interest (COI) are thoroughly vetted and mitigated according to PIM policy. PIM is committed to providing its learners with high quality accredited continuing education activities and related materials that promote improvements or quality in healthcare and not a specific proprietary business interest of an ineligible company.

The faculty reported the following relevant financial relationships with ineligible entities related to the educational content of this CE activity:

- Judith Haluka — Has no real or apparent conflicts of interest to report.

The PIM planners and managers have nothing to disclose. The Pacific Medical Training planners and managers have nothing to disclose.

Method of participation and request for credit

During the period 2021-06-01 through 2024-06-01 participants must read the learning objectives and faculty disclosures and study the educational activity.

Your CME certificate will be available online after completing a post-course evaluation, and achieving a score of 84% or better.

For Pharmacists: 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 National Association of Boards of Pharmacy (NABP) Continuing Pharmacy Education (CPE) Monitor® Service within 60 days.

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 Food and Drug Administration (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.