



# The Pharmacy Examining Board of Canada

Le Bureau des examinateurs en pharmacie du Canada

Candidate Name: \_\_\_\_\_

PEBC ID Number (only if already received): \_\_\_\_\_

## **Education Evaluation**

Assessment of your performance within the Education Evaluation will determine your eligibility to take the Pharmacy Technician Qualifying Examination by identifying whether you possess foundational pharmacy knowledge and pharmacy skills. Candidates should take their time when completing their Education Evaluation document to ensure that all relevant courses are listed for each subject area so the assessors have the necessary information.

## **Subject Areas for Evaluation**

The Education Evaluation covers 5 subject areas. Please review the learning objectives for each subject area carefully, so you can then list the program courses that apply to each.

### **Subject Area 1: Ethics/Jurisprudence/Professionalism**

- Ethical principles (e.g., respect, beneficence, non-maleficence), code of ethics
- Compliance with all pharmacy, privacy and work place legislation related to pharmacy practice; ensuring legal requirements are met for narcotic and controlled substances
- Developing relationships based on respect, honesty, empathy, and inclusivity; fostering inter- and intra-professional collaboration; accountability for decisions made; obtaining patient consent

### **Subject Area 2: Anatomy/Physiology/Pathophysiology**

- Anatomy as it relates to the cells, tissues, organs and systems within the human body
- The function and mechanisms of human organ systems (e.g., respiratory, circulatory, digestive, endocrine) and their impact on the human body
- Causes and effects of disease, injury and physiological disorders on the human body

### **Subject Area 3: Pharmacology/Pharmacotherapy/Therapeutics (diseases and drugs)**

- The effects of medications on the body and in disease states, as well as the absorption, distribution, metabolism and excretion of medications
- Classifications of medications related to their action in the human body, and their use in acute and chronic conditions
- Medication dosage forms, dosing, routes of administration, side effects, adverse effects

**Subject Area 4: Professional Practice**

- Communicating and working effectively with patients, health care providers and members of the pharmacy team
- Demonstrating drug administration devices and monitoring devices
- Focus on patient's best interest, act within scope of practice

**Subject Area 5: Pharmaceutics and Compounding**

- Interpreting prescriptions (e.g., abbreviations, medical terminology); accurate dispensing of prescriptions; documentation of dispensing and patient discussions
- Compounding standards/requirements; references; use of compounding equipment (e.g., balances, mortar and pestle, volumetric cylinders); dosage forms and dosage formulations, personal protective equipment; physical and chemical properties of ingredients to consider

**There are two additional pharmacy components:** Pharmaceutical calculations and pharmacy dispensing labs. You must provide course name(s) and codes for these components at the end of the Education Evaluation document.

**Pharmacy Calculation Component**

- Determine doses (e.g., based on weight, age)
- Compounding and dispensing quantities
- Unit conversions, percentage strength, ratios, IV infusion rates

**Pharmacy Dispensing Lab Component**

- Review of prescriptions for completeness, adhere to legal requirements, interpret prescription directions
- Dispense, label, and process prescriptions
- Compound extemporaneous products, use standard compounding equipment (e.g., balances, volumetric cylinders, mortar and pestle)

**Subject Area Course Listing**

Refer to your transcript and syllabus and identify and list all the courses that pertain to each subject area. It is possible that one course may apply to more than one subject area.

You **must** enter your information in the PDF fillable format provided. Simply type your information and press "Save". Do not press "Save As" and do not convert to PDF. Note: The document will shrink text as you type allowing you to provide all the requested information.

There are two additional mandatory requirements: Pharmaceutical calculations and pharmacy dispensing labs. You must provide course name(s) and codes for these components at the end of this document.

If your syllabus contains limited information about a course that you would like to cite for credit, complete the Additional Course Details section to ensure assessors have a full understanding of the course.

**Note:** As part of the review and evaluation process of your Education Evaluation, PEBC will be checking your transcript and program syllabus for accuracy. Integrity and honesty in your submission is of paramount importance.

**List all courses that relate to the following subject areas:**

<b>Subject Area 1: Ethics/Jurisprudence/Professionalism</b> <ul style="list-style-type: none"><li>• Ethical decision making</li><li>• Pharmacy legislation and legal requirements</li><li>• Patient care</li><li>• Professional communication</li><li>• Inter and Intra-professional collaboration</li><li>• Accountability</li></ul>	<b>Course name(s) and code(s)</b>
<b>Subject Area 2: Anatomy/Physiology/Pathophysiology</b> <ul style="list-style-type: none"><li>• Study of cells, tissues, organ systems</li><li>• Function and mechanisms of human organ systems (e.g., respiratory, circulatory, digestive)</li><li>• Causes and effects of disease on body function and patient</li></ul>	<b>Course name(s) and code(s)</b>
<b>Subject Area 3: Pharmacology/Pharmacotherapy/Therapeutics (diseases and drugs)</b> <ul style="list-style-type: none"><li>• Effects of medications on the body</li><li>• Classifications of medications related to their actions and use in acute and chronic conditions</li><li>• Medication dosage forms, dosing, routes of administration, side effects, contraindications, adverse effects</li></ul>	<b>Course name(s) and code(s)</b>
<b>Subject Area 4: Professional Practice</b> <ul style="list-style-type: none"><li>• Patient-centred communication skills</li><li>• Work effectively with health care providers and members of pharmacy team</li><li>• Demonstrate devices, monitoring devices</li><li>• Quality assurance of practice processes (e.g., high alert, high risk processes), cold chain management</li><li>• Manage medication incidents</li><li>• Inventory reconciliation, management of discrepancies</li></ul>	<b>Course name(s) and code(s)</b>
<b>Subject Area 5: Pharmaceutics</b> <ul style="list-style-type: none"><li>• Interpret prescriptions (e.g., abbreviations, medical terminology)</li><li>• Process and dispense prescriptions</li><li>• Document prescription processing and dispensing activities</li><li>• Compounding standards, equipment, references</li><li>• Dosage formulations, physical and chemical properties</li></ul>	<b>Course name(s) and code(s)</b>

<b>Mandatory Components (within the 5 Subject Areas)</b>	
<b>Pharmacy calculation component</b> <ul style="list-style-type: none"> <li>• Determine doses (e.g., based on weight, age)</li> <li>• Compounding and dispensing quantities</li> <li>• Unit conversions, percentage strength, ratios, IV infusion rates</li> </ul>	<b>Course name(s) and code(s)</b>
<b>Pharmacy Dispensing lab component</b> <ul style="list-style-type: none"> <li>• Review prescriptions for completeness, adhere to legal requirements, interpret prescription directions</li> <li>• Dispense, label and process prescriptions</li> <li>• Clarify prescription problems and concerns</li> <li>• Compound extemporaneous products, use standard compounding equipment (e.g., balances, volumetric cylinders, mortar and pestle)</li> </ul>	<b>Course name(s) and code(s)</b>

#### **Additional Course Details**

If your syllabus contains limited information about a course that you would like to cite for credit, provide additional course details below to ensure the assessors have a full understanding of the course.

Subject Area # (e.g., Subject Area #1)	Course Name and Code	Content covered

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**Sending this Document to PEBC**

Once you have completed this document to your satisfaction, email it to [desubmit@pebc.ca](mailto:desubmit@pebc.ca) and include "Pharmacy Technician International Evaluation" or "PTIE" in the subject line.