

PHARMACY TECHNICIAN

Caldwell Community College and Technical Institute

Department: Healthcare Programs and Technologies, Continuing Education

Course Length: 192 hours / 16 weeks

Course Type: Online Course Code: PHM-3250

COURSE DESCRIPTION

This course is designed to prepare students for employment in the pharmacy technician field. This class consists of convenient online instruction. Through instruction and ability labs, students learn the basics of pharmacy, including various pharmacy calculations, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, and employability skills. Successful completion of this course prepares the student for the national certification exam and employment as a Certified Pharmacy Technician (CPhT).

EDUCATIONAL PATHWAY EXAMPLE

Pharmacy technician (PhT) > Certified pharmacy technician (CPhT) > Pharmacist (RPh)

ESTIMATED YEARLY EARNINGS

According to the Bureau of Labor Statistics, the average mean average salary is \$37,590 per year or \$18.07 per hour in North Carolina.

EMPLOYMENT OPPORTUNITIES • Retail pharmacy technician • Compound pharmacy technician • Hospital (In-patient) pharmacy technician • Hospital (Out-patient) pharmacy technician

COURSE OUTCOMES

CCC&TI challenges students to be learners who assume responsibility for being a part of a community of scholars. Student's presence and participation in our virtual classroom is an important component of this challenge. It is each individual student's responsibility to be accountable for their actions, their study habits, and their performance.

ATTENDANCE

- This is an online class meaning each student is responsible for using their own time to access the asynchronous (pre-recorded) lecture materials found in the class Moodle by the due date each week. Students must log in to Moodle and attend and complete the weekly synchronous (live) online lab assignments for the course. These are held on Thursday evenings from 5:00 pm to 9:00 pm.
- Weekly attendance assignments must be completed by the due dates in order to be counted present for class
- It is the student's responsibility to communicate with their instructors to make-up any missed work (book, laboratory, skills, exams, etc.)

COURSE EXPECTATIONS

- Students will be able to identify the Top 200 Drugs by Brand, generic, and drug classification.
- Students will be able to type, fill, and prepare prescription medications for the pharmacist to review.
- Students will have the knowledge and tools to become national and state certified as a pharmacy technician.
- Students will be able to perform calculations based off prescriber's written orders.
- Students will be able to make basic compounds of medications using sterile and non-sterile aseptic techniques (USP 795 and USP 797).
- Students will be able to correctly identify and have knowledge concerning prescription and over-the-counter medications.

COURSE GRADING SYSTEM

100 -90	A
89 -80	B
79 -70	C
69 or below	F

CLASSROOM ETIQUETTE & STUDENT HANDBOOK

Students are expected to adhere to all college policies and procedures outlined in the CCC&TI Student Handbook and College Catalog which are available on the college's website or in Student Services. These policies and procedures include information regarding the student code of conduct, grievance procedures, disciplinary procedures, academic integrity, and emergency preparedness procedures. Student handbook and college catalog are available online at the following web addresses:

<http://www.cccti.edu/Catalog/Default.asp>

<http://www.cccti.edu/Documents/CurrentEditions/StudentHandbook.pdf>

INTERNET AND COMPUTER ACCESS

This class utilizes Moodle, the college's online learning system, as well as the Top Hat learning system. You will need to have access to an internet connection and a device, such as a computer, laptop, Chromebook, or tablet. We do not recommend using your cell phone for access and completing assignments.

COURSE COSTS AND REQUIRED TEXTBOOKS

Registration \$187.00

College Technology Fee \$ 5.00

Textbook/Resource: The Pharmacy Technician 8th ed. Workbook Morton Publishing Co.

ISBN: 9781640437623 \$138.00

BOOKSTORE REFUND POLICY

While your textbooks are not required to be purchased at the bookstore, you should be aware of the refund policy. The bookstore does not recommend buying any Continuing Education class materials earlier than 14 days before class starts, as class schedules may change. Cash & Credit Refund: 14 days from date of purchase with receipt. Check: Wait 7 days for check to clear the bank, 7 days after that to refund with receipt.

SPONSORSHIP

If you are receiving financial assistance or sponsorship through an external partner such as WIOA or other scholarship or sponsorship, you will need documentation from the partner stating what expenses they are covering. This will be placed on your account through our Business Office.

WIOA, Sponsorships and Scholarships:

1. You or the WIOA office must deliver your voucher to the business office prior to your bookstore visit.
2. You may charge your books two (2) business days before the class starts.
3. Bookstore employees normally must call the business office while you are in the store in order for your money to be put in your account.
4. Credit cards: Visa or MasterCard cardholder must be present with photo ID. Bookstore cannot take someone else's card unless they are in the store and provide photo ID.
5. Checks: You may use someone else's check, but a bookstore employee must write your driver's license number on the check.

Other Financial Aid Resources:

- CCC&TI Continuing Education Scholarships www.cccti.edu/ContinuingED/ScholarshipsCE.asp
- College Foundation of North Carolina www.cfnc.org/pay/pay.jsp
- Cash Course www.cashcourse.org

OTHER SERVICES

Caldwell Community College and Technical Institute cares about its students and their financial stability. It is our goal to assist students in their effort to maintain or reach financial wellness. Students are provided with opportunities to engage in financial wellness activities regarding their fiscal responsibility throughout their college career. The Financial Aid and Counseling and Advising Departments work jointly to offer free financial wellness activities to students in the form of workshops, first year experience courses, live financial literacy presentations, and student debt fact sheets. To find out more about financial literacy, money management, scholar

INTERNET AND COMPUTER ACCESS

This class utilizes Moodle, the college's online learning system, as well as the Top Hat learning system. You will need to have access to an internet connection and a device, such as a computer, laptop, Chromebook, or tablet.

COUNSELING AND ACCESSIBILITY SERVICES

Students enrolled in any program or offering at CCC&TI who plan to request accommodations because of a physical or learning disability should contact Counseling and Accessibility Services on either campus before the class start date, if possible.

UPON SUCESSFUL COMPLETION OF THE COURSE

Graduates are eligible to sit for the Pharmacy Technician Certification Board (PTCB) certification exam and sign up for the Board of Pharmacy – Pharmacy Technician REGISTRY.

BASIC REQUIREMENTS FOR REGISTRATION AS A PHARMACY TECHNICIAN IN NORTH CAROLINA

In order to become registered as a technician in North Carolina the law requires that an applicant shall present to the Board of Pharmacy satisfactory evidence that the applicant:

1. holds a high school diploma or equivalent or is currently enrolled in a program that awards a high school diploma;
2. is employed by a pharmacy holding a valid in-state pharmacy permit;
3. completes a training program approved by the supervising pharmacist-manager that includes pharmacy terminology, pharmacy calculations, dispensing systems and labeling requirements, pharmacy laws and regulations, record keeping and documentation, and the proper handling and storage of medications.

OR

1. Holds a current pharmacy technician certification issued by either:
 - a. Pharmacy Technician Certification Board (PTCB)
 - b. National Healthcareer Association's (NHA) ExCPT certification

SPECIFIC TECHNICIAN TRAINING

The training program required for technicians shall be provided by the supervising pharmacy manager. The requirements of the training program may differ depending upon the type of employment. The pharmacist manager shall consider prior training including, specifically, a registrant's holding a military occupational specialty of pharmacy technician.

Registration Fee: \$30.00

Annual Renewal Fee: \$30.00

SECTION .3300 - REGISTRATION OF A PHARMACY TECHNICIAN 21 NCAC 46 .3301 REGISTRATION

(a) Following initial registration with the Board, registration of a pharmacy technician shall be renewed annually through the Board's electronic renewal process and shall expire on December 31. It shall be unlawful to work as a pharmacy technician for more than 60 days after expiration of the registration without renewing the registration. A registration expired for more than 60 days due to non-renewal shall be reinstated only if the applicant meets the requirements of 21 NCAC 46 .1612. (b) The current registration of a pharmacy technician shall be available for inspection by agents of the Board. (c) Pharmacy technicians who provide services solely at a free clinic as defined in G.S. 90-85.44 shall register with the Board and complete the training program described in G.S. 90-85.15A but are exempt from the pharmacy technician registration fee.

FAQs

- Once I have finished the course, how do I register with the state of North Carolina?
 - o All pharmacy technicians must be licensed and registered with the state in which they are working. o Visit http://www.ncbop.org/technicians_registrationreqs.htm
 - o All pharmacy technicians must register with the state they will be employed in within 30 days of hire.
 - o the registration fee is \$30 along with an annual renewal fee of \$30 each year.
- When do pharmacy technician licenses expire?
 - o December 31 of each year.
 - o Go online to renew within 60 days of December 31.
- Is this course worth college credit?
 - o No, this is a continuing education course and does not count toward a degree.
- How long will I have access to the learning materials?
 - o The textbook code you buy from the bookstore allows you to have lifelong access to The Pharmacy Technician 8th edition textbook.
- Are any vaccines required to take this course?
 - o No, however, it is recommended by the CDC that anyone working in healthcare should receive the following vaccines if eligible:
 - ♣ Covid-19 Vaccine
 - ♣ Chickenpox (Varicella) Vaccine
 - ♣ Flue (Influenza) Vaccine
 - ♣ Hepatitis B Vaccine
 - ♣ Meningococcal Vaccine
 - ♣ MMR Vaccine
 - ♣ Tdap or Td Vaccine
- Do we have to have a background check to take this course?
 - o No, however, many pharmacies will require background checks for employment.

Caldwell Community College and Technical Institute is dedicated to equality of opportunity for its staff and students. CCC&TI does not discriminate against race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability, or status as a U.S. veteran.