



PHARMACY TECHNOLOGY DIPLOMA

Application Period

Jan 23, 2023 - May 18, 2023 or until filled



Minimum requirements are subject to change each academic year.

PHARMACY TECHNOLOGY DIPLOMA PROGRAM

(This program has an AAS option upon completion)

Selective Admission Process: this program requires a separate, program specific application in addition to admission to the college; all application deadlines are firm

Application Period: January 23, 2023 through May 18, 2023 (or until filled)

MINIMUM REQUIREMENTS ARE SUBJECT TO CHANGE EACH ACADEMIC YEAR

Special Note from the Dean of Health and Human Services office:

Due to potential effects of the COVID-19 crisis, the below described Fall 2023 selection processes to CFCC's health sciences are subject to change. If any changes arise involving CFCC's ability to adhere to the information below, CFCC will reserve the right to make adjustments and will make every effort to communicate these to the applicants in a timely manner.

The Pharmacy Technology curriculum, a **full-time day curriculum**, prepares individuals to assist the pharmacist in duties that a technician can legally perform and to function within the boundaries developed by the pharmacist and the employment agency.

Beginning in 2020, the Pharmacy Technician Certification Board (PTCB) required formal education and training from an accredited program before applicants can take the certification exam. This means that students desiring national certification MUST enroll in a training program. We are proud to boast a 100% pass rate from Cape Fear Community College students on the PTCB exam!

Graduates will maintain inventories, patient records, and clerical requirements of third party and regulatory agencies. In addition, graduates will perform all aspects involved with the filling of prescriptions and institutional orders including: interpreting physician's orders, compounding non-sterile and sterile formulations, packaging, labeling and billing.

Graduates may be employed in hospitals, nursing homes, private and corporate community pharmacies, research laboratories, wholesale drug companies, and pharmaceutical manufacturing facilities. Median pay for pharmacy technicians was \$16.95/hour in May 2019 (www.bls.gov). Graduates will qualify and are encouraged to take the National Certification Examination developed by the Pharmacy Technology Certification Board.

In 2018, CFCC's Pharmacy Technology program was recognized as an official sterile compounding education/training program by the PTCB. PTCB now offers an advanced credential for pharmacy technicians skilled in the area of sterile compounding and aseptic technique. Requirements to become a Certified Compounded Sterile Preparation Technician (CSPT) include: PTCB certification, passing sterile compounding board exam, letter of attestation from employer, and work experience. *Graduating from CFCC's Pharmacy Technology program shortens the work experience requirement from 3 years in the sterile compounding field to just 1 year!* More information can be found at https://www.ptcb.org/get-certified/cspt#.W1c5JPlKiUk

Cape Fear Community College's Pharmacy Technology Program is accredited by the American Society of Health System Pharmacists (ASHP), 7272 Wisconsin Avenue, Bethesda, Maryland, 20814, (301) 657-3000, www.ashp.org.

APPLICATION PROCESS

It is the Pharmacy Technology applicants' responsibility to ensure that all requirements are met by the established deadline. Pharmacy Technology deadlines, guidelines, and policies apply equally to all students; thus there can be no exceptions.

Admission to any and all educational programs offered by Cape Fear Community College is made without regard to race, color, sex, national origin, gender identity, sexual orientation, disability, veteran status or other irrelevant factors.

The Pharmacy Technology Diploma program at CFCC requires a separate, program specific application as it is selective admission. Students must meet minimum requirements and complete an "Intent to Apply" during the application period. This is done electronically and can be accessed at the program website: www.cfcc.edu/pharmacy-technology.

Prior to completing the "Intent to Apply", prospective students must first be accepted for general admission to Cape Fear Community College. Below are the steps for acceptance to CFCC:

Students must:

- 1. Complete the CFCC General Admissions Application, which includes the Residency Determination Application. For students that have applied to or have taken classes at CFCC previously, the application has to be active. If the prospective student has not attended classes at CFCC for one year (12 months) or longer, they must reapply and be accepted prior to filing an "Intent to Apply".
- 2. Request official transcripts from a regionally accredited High School/High School Equivalency agency. High School/High School Equivalency transcripts must indicate the date graduated. Official transcripts are those received either electronically, by mail or by hand delivery to CFCC in the original, sealed envelope from the awarding institution or agency. If the prospective student graduated from a North Carolina public high school within the past three years, they may request that an official high school transcript be sent electronically to the Admissions Office via the College Foundation of North Carolina (CFNC) website at www.cfnc.org. The official school administrator for home schooled students must submit a copy of the home school's approved registration from the state in which they are registered (if applicable), and a home school transcript with graduation date. All students selected to the program must have graduated from high school at the start of the program or have earned the equivalent credentials.
- 3. Request official transcripts from all colleges and/or universities attended (if applicable) be mailed or electronically sent to the Admissions and/or Records Office. These will be reviewed for possible transfer credit. Note: transcripts from Masters or Ph.D. programs are not required. Transcripts from colleges that are not regionally accredited may be evaluated on a case-by-case basis.

Once accepted to CFCC, students must meet the minimum requirements listed below and then need to file an "Intent to Apply" electronically during the application period:

1. **Applicants must meet minimum English and Math requirements.** Any parts of the criteria below can be combined to meet the requirements. *Official transcripts and/or test scores are required.*

- An Associate's Degree or higher **OR**
- An Unweighted U.S. High School GPA of 2.8 or higher regardless of graduation year or NC Community College Adult High School (AHS) unweighted GPA of 2.8 or higher **OR**
 - New: High School Career and College Ready Graduate (CCRG) Enhanced English IV score of 80 or higher on Tiers I and II AND
 - High School CCRG Math score of 80 or higher on Tiers I and II OR Math 3 End of Course (EOC) score of 4 or higher OR
- Completion of **English Composition I or higher** (or its equivalent; i.e. ENG-111 in the North Carolina Community College common course library) and **Quantitative Literacy or higher** (or its equivalent; i.e. MAT-143 in the North Carolina Community College common course library) with a grade of "C" or better at a regionally accredited college. (Note: if both requirements are met via CFCC transfer credit, then skip to bullet no. 2 on page 4) **OR**
- Successful completion of Developmental (Transitional) English and Math classes that would allow placement into English 111 and Math 143 without co-requisites (if taken at a four year college/university or out of state, please contact the CFCC Health Science Enrollment Center at healthsciences@cfcc.edu) OR
- Completion of an NCDAP, Accuplacer (Classic, not Next Gen.), RISE, or COMPASS Placement Test with English and Math placement into English 111 and Math 143 without co-requisites, regardless of completion date. Please contact the CFCC Health Science Enrollment Center at healthsciences@cfcc.edu if you have questions about the use of test scores to meet math and English requirements.
- 2. Students must have an overall GPA of 2.0 or higher in all post-secondary coursework completed at Cape Fear Community College (Note: if no prior attendance at CFCC, this requirement does not apply). After an "Intent to Apply" has been filed, the student must consistently maintain a minimum GPA of 2.0 for each semester enrolled at CFCC to enter the program in the fall. If the student's CFCC cumulative GPA is below 2.0 at the time of filing an "Intent to Apply" and they have not been enrolled in CFCC for one year (12 months) or longer, they may be eligible for *Academic Forgiveness* (see 2022 2023 catalog for more information).

3. FILING AN "INTENT TO APPLY"

An "Intent to Apply" for the Pharmacy Technology Diploma Program may be completed **ONLINE** during the application period of January 23, 2023 through May 18, 2023 or until filled. Students must visit the program website (www.cfcc.edu/pharmacy-technology/), click on the "File My Intent" button, and study the instructions to proceed. Students must make sure to complete all required fields/areas all the way to the end and then submit the form. If the "Intent" is approved, i.e. all eligibility requirements are met, the student will receive information in their CFCC e-mail account explaining the next steps. Applicants must file the "Intent to Apply" prior to the end of the application period. Students who file an "Intent to Apply" and do not meet the minimum requirements will receive an e-mail addressing the missing items. Once eligible, they may re-file their "Intent" as long as it is prior to the end of the application period. Note: If technical difficulties are encountered, students may contact the CFCC Helpdesk at 910-362-4357.

"Intent to Apply" Checklist for the Pharmacy Diploma Program:

- Admission to CFCC (via general college admission) or active application status
- Official high school transcript is on file at CFCC
- Official college/university transcripts (if applicable) on file at CFCC
- English and Math eligibility (see pages 3)
- Overall GPA at CFCC of 2.0 or higher (criteria waived if student do not have an established GPA at CFCC)

Note I: Having completed all general education courses that are part of the program is not required in order to complete the selective admissions application to Pharmacy Technology.

Note II: Completion of general education courses prior to the start of the program does not decrease the number of semesters required to graduate. The program duration is three semesters for the diploma program.

Note: If eligible, a student may file an "Intent to Apply" into multiple health science programs. If selected into more than one, the student is required to commit to the program of choice by the deadline stated in the correspondence sent by the Health Science Enrollment Center. Failure to do so in writing will result in the loss of the seat.

Note: Depending of the Health Science program neither federal law nor North Carolina law permits undocumented individuals or those with DACA (Deferred Action for Childhood Arrivals) classification to receive professional licenses. See 8 U.S.C. § 1621(a) and (c)(1)(A). This does not prevent a DACA student from enrolling in a Health Science program but may prohibit the student from receiving a professional license. If students have any questions about eligibility for professional licensure please contact the professional organization's website.

PHARMACY TECHNOLOGY SELECTION PROCESS

The point system was implemented as an objective means for evaluating Pharmacy Technology applicants. ALL documents needed to award points must be on file at CFCC prior to the application deadline (May 18, 2023). No points will be awarded for documentation received after the application deadline. If students are currently or were previously enrolled in another college, it is their responsibility to ensure that the final transcript is received by CFCC prior to the application deadline.

Applicants will be ranked based upon points earned, and the sixteen (16) students with the highest number of points will be selected each year. If two or more students have the identical point count total, the date and time that the "Intent to Apply" form was successfully submitted (i.e. eligibility criteria were met) will be the determining factor.

1. Section A: Non-coursework (Note: not a minimum requirement- only used for point count):

Points for CFCC Grade Point Average: 5 points will be awarded for students with a cumulative CFCC Grade Point Average of 3.5 or higher (minimum of 12 credits, excluding developmental classes).

2. Section B: College Coursework (Note: not a minimum requirement- used for point count and to satisfy program General Education coursework)

If the applicant is currently a high school senior with a 3.5 or higher GPA (unweighted), he/she is eligible for sixty (60) points.

Note: A student will not get points for both a 3.5 (unweighted) high school GPA and college courses. Points will be awarded for one or the other, whichever is highest.

College courses taken with a grade of "C" or better will earn the applicant points. (For point distribution, refer to the attached point count worksheet). To receive points for courses listed on the point count, the courses must be completed prior to the application deadline.

SPECIAL NOTE: BIO 163 and/or BIO 168 & BIO 169 (or its equivalent) must have been taken in the last five (5) years of the start date of the Pharmacy Technology Diploma program. Only the first attempt with a letter grade of "C" or better will be considered for the point count (for 2023 applicants: only valid for points and towards graduation if taken Fall 2018 or after).

Note: Students who have questions or concerns regarding transfer credits from other colleges and/or universities must address and resolve their concerns prior to the end of the application period (please contact a staff member at the CFCC Health Science Enrollment Center).

Calculation of Total Points

The applicant's total points are calculated using academics (completed course work) and CFCC GPA (if eligible). Please refer to the point count sheet for details.

All applicants will receive a point count for review via e-mail after the application deadline and after all point counts are completed. Applicants will receive a copy of their point count from the Health Science Enrollment Center via email early summer 2023, including instructions on how to agree or recheck the total point count. APPLICANTS WHO FAIL TO RESPOND TO THE REQUEST TO REVIEW THEIR POINT COUNT WILL WAIVE THEIR RIGHT TO CONTEST THEIR POINT TOTALS. Applicant's point counts are confidential; to protect the student's privacy, point count totals can only be discussed with the applicant.

Pharmacy Technology applicants who are selected will be conditionally accepted in the program pending the submission and review of a favorable medical history form provided by Cape Fear Community College.

Acceptance into the program is for Fall 2023. Students who decide to decline their seat will need to reapply for future admission.

NOTIFICATION PROCEDURE

Sixteen (16) new students may be admitted to the Pharmacy Technology program in the fall semester. Students whose status is "alternate" are admitted to the program only if someone who was originally accepted declines the offer of admission, or if someone who was originally accepted becomes disqualified (refer to disqualifying factors). If the student did not meet minimum requirements, was not accepted, or declined admission, he/she must re-apply the following year. **The 16 selected students will be notified when to complete the following information:**

1. Medical Reports

All completed health/medical reports must be received by specified date noted during orientation. This physical history must include a negative 2-step TB skin test within the last year (chest x-ray if positive reaction), immunization record consisting of: 2 MMR vaccines or positive antibody titers, proof of Tetanus

vaccine within the last ten years, proof of a Tdap (Tetanus-diphtheria-acellular pertussis) booster, and a proof of Varicella (Chicken Pox)- either showing documentation of two Varicella vaccines or titer OR disease date as indicated on immunization records form. Influenza (flu vaccine) is required in the fall prior to pharmacy clinicals in order to participate in the clinical portion of the program. Hepatitis B vaccine (optional) is strongly encouraged by the program faculty. Associated fees will be the responsibility of the student. Failure to complete the required physical history and all required immunizations will prevent students from participation in the clinical portion of the program. Failure to complete clinicals results in dismissal from the program. Additional information will be disseminated by the Program Director at the time of the orientation.

2. Drug Screen

A **twelve** (12) panel urine drug screen is **mandatory**. Associated fees will be the responsibility of the student. Methadone will be included in the urine drug screen. Testing positive on the drug screening, or evidence of tampering with a specimen, will disqualify a student from participation in the clinical portion of the program. Failure to complete clinicals results in dismissal from the program. A drug screening is required but students **must** wait until thirty (30) days prior to beginning clinical rotations. If students have the drug screening completed too early, it will need to be repeated which will be an additional medical expense. For further information, students should see the "Drug and Alcohol Policy" in the CFCC Student Handbook. Additional information will be disseminated by the Program Director at the time of the orientation.

3. Background Check

Clinical sites require a criminal background check prior to allowing students into the clinical setting. Associated fees will be the responsibility of the student. Certain criminal activity, as evident by a criminal background check may also disqualify a student from participation in the clinical portion of the program. Failure to complete clinicals results in dismissal from the program. Cape Fear Community College will not accept the background checks. It is the student's responsibility to hold this report for the clinical site if needed. Additional information on how and when to complete the criminal background check will be disseminated by the Program Director at the time of the orientation.

Note: Please be aware that failure to participate in a clinical assignment based on an incomplete medical history and immunization form, evidence of prior or current drug use from the drug screening or evidence of prior or current criminal activity from the background check will result in dismissal from the Pharmacy Technology Program.

4. Basic Life Support (BLS) Certification

As part of the ASHP Accreditation Standard for pharmacy technician training programs, students will be required to be certified as Basic Life Support (BLS) Healthcare providers (ASHP Goal 38). Arrangements will be made during the spring semester for each student to complete the training and skills assessment on the CFCC campus at a cost of \$35.00 and is the responsibility of the student. Students who are already certified providers will be exempt from the training as long as a valid certification card is provided prior to the training. Additional information will be disseminated by the Program Director at the time of the orientation.

PROGRESSION POLICY

Students admitted to the Pharmacy Technology program must achieve a "C" in each course in the curriculum in order to progress semester by semester. Students must also be at least eighteen years of age at the time clinical components commence.

Grading Policy

A	Excellent	92-100
В	Good	84-91
C	Average	76-83
D	Poor	68-75

The Pharmacy Technology Department feels that attitudes and actions demonstrate a student's ethics; therefore, it is the department policy that a student will receive a grade of "F" in a course for cheating in a lecture class, falsifying information on class or clinical settings documentation, and/or unprofessional behavior. An "F" will prohibit a student from continuing in the Pharmacy Technology Program.

CERTIFICATION PROCEDURE

Certification is the process by which a non-governmental association or agency grants recognition to an individual who has met certain predetermined qualifications specified by that association or agency. The goal of Pharmacy Technician Certification Board (PTCB) program is to enable pharmacy technicians to work more effectively with pharmacists to offer greater patient care and service. PTCB is responsible for the development and implementation of policies related to national certification for pharmacy technicians.

The applicant must have received a high school diploma, a High School Equivalency, or the foreign equivalent by the application deadline and have **never been convicted of a felony to sit for the PTCB Examination**. The cost of the PTCB Exam is \$129.00 and is the responsibility of the student.

(Above information adapted from the Pharmacy Technician Certification Board's website and will undergo a major change in 2020: www.ptcb.org.)

REGISTRATION PROCEDURE

Pharmacy Technicians must register with the North Carolina Board of Pharmacy in order to practice 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

Holds a current pharmacy technician certification issued by the Pharmacy Technician Certification Board (PTCB).

The cost of registering in NC is \$30/year and there is an annual renewal fee of \$30/year.

PHARMACY TECHNOLOGY AAS OPTION

This one-year diploma can lead to a two year Associate in Applied Science degree with an additional year of coursework. For details, please contact the Program Director, Ms. Kasey Price, at klprice328@mail.cfcc.edu.

PHARMACY TECHNOLOGY CURRICULUM

FALL SEMESTER			CREDITS
PHM 110	Introduction to Pharmacy		3
PHM 111	Pharmacy Practice I		4
PHM 115	Pharmacy Calculations		3
PHM 115A	Pharmacy Calculations Lab		1
BIO 163*	Basic Anatomy & Physiology		5
CIS 111* Or	Basic PC Literacy		2
CIS 110*	Introduction to Computers		3
		Total	18/19
	SPRING SEMESTER		
PHM 118	Sterile Products		4
PHM 120	Pharmacology I		3
PHM 136	Pharmacy Clinical		3 6 3
PSY 118* Or	Interpersonal Psychology		3
PSY 150 *	General Psychology		
		Total	16
	SUMMER SEMESTER		
PHM 125	Pharmacology II		3
PHM 140	Trends in Pharmacy		2 3 2 3
PHM 133	Pharmacy Clinical		3
PHM 165	Pharmacy Professional Practice		2
ENG 111*	Writing & Inquiry or Expository Writing		3
		Total	13
	Program To	otal	47/48

^{*}May be taken prior to the acceptance to the program; only BIO-163 expires after five years (for 2023: only valid for points and towards graduation if taken Fall 2018 or after). The other General Education classes do not expire. If General Education courses are completed prior to acceptance in the program, this will not reduce the length of the 3 semester program.

TUITION & FEES

Payment can be made by cash, check, VISA, MasterCard, American Express, Discover, financial aid, payment plan or a third-party sponsorship. All forms of payment must be received by the Business Office to be officially registered.

Tuition is established by the North Carolina State Legislature and is subject to change without prior notification.

Credit Hours	In-State Tuition	Out-of- State Tuition	Student Activity Fees	Parking & Security Fee	Technology Fees
1	76.00	268.00	35.00	40.00	3.00
2	152.00	536.00	35.00	40.00	6.00
3	228.00	804.00	35.00	40.00	9.00
4	304.00	1072.00	35.00	40.00	12.00
5	380.00	1340.00	35.00	40.00	15.00
6	456.00	1608.00	35.00	40.00	18.00
7	532.00	1876.00	35.00	75.00	21.00
8	608.00	2144.00	35.00	75.00	24.00
9	684.00	2412.00	35.00	75.00	27.00
10	760.00	2680.00	35.00	75.00	30.00
11	836.00	2948.00	35.00	75.00	33.00
12	912.00	3216.00	35.00	75.00	36.00
13	988.00	3484.00	35.00	75.00	39.00
14	1064.00	3752.00	35.00	75.00	42.00
15	1140.00	4020.00	35.00	75.00	45.00
16 or more	1216.00	4288.00	35.00	75.00	48.00

Professional Liability Insurance: \$15.00 Per School Year (Health Science Students)

Full Time: 12 Credit Hours 3/4 Time: 9 Credit Hours 1/2 Time: 6 Credit Hours

FINANCIAL AID

The Financial Aid office monitors a policy that is based on federal regulations that establishes a maximum time frame for completion of a program of 150 percent of the published length of an educational program. This means that as a student majoring in a Pre- Health Science program, the student will need to pay careful attention to the number of hours attempted prior to actual admission into the program of choice. Depending on the number of hours attempted prior to admission into a Health Science program, a student may not be eligible for enough financial aid to complete the program after they have been admitted.

To make sure students understand this policy and plan ahead in order to use their financial benefits in a wise and timely manner, students are encouraged to consult with the staff of the CFCC Financial Aid Office located in the Union Station Building (Room U-138) on the Wilmington Campus or in the McKeithan Center (Room NA-100) on the North Campus.

RESOURCES/ASSISTANCE

For questions or concerns regarding the selective admission process and other available resources, please contact a staff member of the Health Science Enrollment Center in Union Station Building (Room U-297) at the Wilmington Campus; healthsciences@cfcc.edu; 910-362-7139.

ESTIMATED EXPENSE Cape Fear Community College Pharmacy Technology Diploma Program

First Semester - Fall

Books	300.00
Background Check/Drug Screen	100.00
Pharmacy Technology Scrubs	110.00
PTCB Practice Exam	29.00
Tuition/Fees (In-State)	1,374.00
Tuition/Fees (Out-of-State)	<u>4,446.00</u>

In-State Total \$1,913.00 *Out-of-State Total* \$4,985.00

Second Semester - Spring

BLS Certification	35.00
Books	150.00
PTCB Practice Exam	29.00
Insurance	22.00
Tuition/Fees (In-State)	1,374.00
Tuition/Fees (Out-of-State)	<u>4,446.00</u>

In-State Total \$1,610.00 *Out-of-State Total* \$4,682.00

Third Semester - Summer

Books	100.00
PTCB Exam (Optional)	129.00
Tuition/Fees (In-State)	1,102.00
Tuition/Fees (Out-of-State)	3,598.00

In-State Total \$1,331.00 *Out-of-State Total* \$3,827.00

Total Program (In-State) \$4,854.00 Total Program (Out-of-State) \$13,494.00

Revised 7/2019

PHARMACY TECHNOLOGY DIPLOMA | FALL 2023

MINIMUM REQUIREMENTS

- · Admission to CFCC (by Admissions) or active application status
- · Official high school transcript on file at CFCC
- Official college/university transcripts (if applicable) on file at CFCC
- · English and Math eligibility

(3 sem hrs)

 Overall GPA at CFCC of 2.0 or higher (criteria waived if students do not have an established GPA at CFCC)

POINT COUNT WORKSHEET

SECTION A: NON-COURSEWORK CFCC GPA 3.5 or higher (5pts) (Min 12 credits excluding Developmental Classes) SECTION B: COLLEGE COURSEWORK Current high school senior with an unweighted (60pts) GPA of 3.5 or higher (Will not get points for both High School GPAand college courses)

Courses required prior to or during the program as outlined in the college catalog. Points apply if taken prior to the application deadline.

*BIO 163 Basic Anatomy & Physiology (5 sem hrs)	A(60pts) B (40pts) C (20pts)
OR	- (
*BIO 168 Anatomy/Physiology I	A (30pts)
(4 sem hrs)	B (20pts)
	C (10pts)
AND	
*BIO 169 Anatomy/Physiology II	A (30pts)
(4 sem hrs)	B (20pts)
	C (10pts)

*Only the first attempt with a letter grade of "C" or better will be considered for the point count; courses expire if older than five years prior to the start of the program (i.e. must have been taken after August 2018); therefore, points will not be awarded AND cannot use courses towards graduation.

ENG 111 Writing & Inquiry (Expository Writing) (3 sem hrs)	A (15pts) B (10pts) C (5pts)	
PSY 118 Interpersonal Psychology (3 sem hrs) OR PSY 150 General Psychology	A (15pts) B (10pts) C (5pts)	

Total Points for Sections A & B (Maximum total for sections A & B is 95)

NOTE 1: If students have the same point count total, the date and time that the Intent to Apply was submitted will be the deciding factor.

NOTE 2: In order to receive points in any of the areas above, all documentation must be on file at CFCC as outlined in the information packet (by the deadline and in the required format).

CAPE FEAR COMMUNITY COLLEGE (🕞























