



**Forsyth Technical Community College
2100 Silas Creek Parkway
Winston-Salem, NC 27103-5197**

CT Imaging Technology Program

CT Structured Education Certificate

Fall 2021 Deadline: July 22, 2021

Spring 2022 Deadline: December 9, 2021

Summer 2022 Deadline: April 22, 2022

INCLUDES information about the

CT Clinical Experience Course

*****Admissions Information*****

The Structured Education Certificate (SEC) is a selective enrollment, advanced specialty certificate that begins each semester. To be considered for this program, applicants must be ARRT and/or NMTCB certified and registered in Radiography, Radiation Therapy, or Nuclear Medicine Technology **or**, be enrolled in the final semester of a JRCERT accredited Radiography, Radiation Therapy, or Nuclear Medicine Technology A.A.S. degree program. This part-time, online certificate accepts 8 students per admission cycle and is completed in two semesters. **Please note:** Meeting the minimum requirements does not guarantee admission.

The **SEC satisfies the ARRT requirement for at least 16 hours of structured education** in the content categories of patient care, safety, image production, and procedures needed to pursue post-primary certification and registration in Computed Tomography. In addition to satisfying the structured education requirement, this certificate **provides 208 hours of continuing education credit**. Technologists who complete this certificate and earn the required clinical experience, are eligible to apply to take the ARRT post-primary certification and registration exam in CT.

Contact Cindy Smith, Program Coordinator of the CT Imaging Technology Program at 336.734.7560 or csmith@forsythtech.edu for additional information or program-specific questions.

The CT Imaging Technology Program also offers a **CT Clinical Experience course** that provides Technologists the opportunity to earn the clinical experience needed to complete the ARRT application process for the post-primary exam in CT. **The CT Clinical Experience course satisfies the ARRT Clinical Experience requirement.** Technologists who complete this course should be eligible to apply to take the ARRT postprimary certification and registration exam in CT. **Information about the CT Clinical Experience Course begins on page 5.**

PHASE I: APPLICATION PROCESS

The following steps must be completed by stated application deadline:

1. Complete the Residency Determination Service (RDS) and a Forsyth Tech application, selecting the Structured *Education Certificate* option.
2. Have official transcripts from all colleges or schools attended since high school (except for Forsyth Tech) sent to the Admissions Office. Hospital-based transcripts must report the final cumulative GPA on a 1.0 - 4.0 scale. Official transcripts must have the school seal or original signature and be in a sealed unopened envelope or submitted electronically from the school. Electronic transcripts should be sent to Admissions@forsythtech.edu. Due to the differences in program structures, CT specific and/or related courses are ineligible for transfer credit.
3. Submit proof of ARRT and/or NMTCB certification and registration:
 - Go to the appropriate website (arrt.org or nmtcb.org)
 - Use the online verification option to view your credentials
 - Create a screen capture of your information
 - Email capture to Heather Azzu, hazzu@forsythtech.edu, Director of Admissions and Records

Please note: applicants are NOT required to participate in an Allied Health Information Session or MAR review.

PHASE II: MINIMUM ADMISSIONS REQUIREMENTS

1. Certification and Registration

Applicants must be:

- ARRT credentialed in radiography, radiation therapy, and/or nuclear medicine technology or
- NMTCB certified in nuclear medicine technology

Student applicants, see item 3 below.

2. Grade Point Average (GPA)

Minimum final cumulative GPA in primary pathway educational program

- Radiography: 3.0
- Radiation Therapy: 3.0
- Nuclear Medicine Therapy: 2.75

3. Student Application and Admission Requirements

In addition to completing Phase I, student applicants must meet the following criteria to be considered for admission:

- Be currently enrolled in the final semester of a JRCERT accredited A.A.S. degree program in Radiography, Radiation Therapy, or Nuclear Medicine Technology.
- Minimum Cumulative GPA through 4th semester:

- Radiography: 3.0
- Radiation Therapy: 3.0
- Nuclear Medicine Therapy: 2.75
- Be formally recommended by the Program Coordinator or Director of the supporting primary educational program. Submit formal letter of recommendation to Heather Azzu, Director of Admissions and Records:
 - **Email:** hazzu@forsythtech.edu
 - **Mail:** Forsyth Tech, 2100 Silas Creek Parkway, Winston Salem, NC 27103, ATTN: Heather Azzu, Director of Admissions and Records

Student acceptance is contingent upon the applicant satisfying all admission requirements prior to the start of the entering semester:

- Submit an official, **final** transcript (see Phase I, item 3 on page 2 for additional information) from the college or school attended (except for Forsyth Tech)
- Submit proof of ARRT or NMTCB certification and registration in supporting discipline:
 - Go to the appropriate website (arrt.org or nmtcb.org)
 - Use the online verification option to view your credentials
 - Create a screen capture of your information
 - Email screen capture to Heather Azzu, hazzu@forsythtech.edu, Director of Admissions and Records

Contingently accepted applicants who do not satisfy the admission requirements prior to first day of the entering semester forfeits acceptance.

PHASE III: RANKING PROCESS

Applicants with the highest cumulative GPA in their primary modality educational program will be accepted. Currently enrolled students are ranked using their 4th semester modality-specific cumulative GPA. In the event of a tie, the **completion** date of Phase I will be the determining factor. An alternate list will also be developed. Alternates will only be accepted if a student originally accepted, declines their seat. Applicants not admitted to the program must reapply if they wish to be considered for the next admission cycle.

NOTIFICATION PROCEDURE

Notification letters will be emailed to accepted students. Applicants that did not meet the minimum requirements, was not accepted, or declined admission may submit a new application for the next admission cycle.

NOTE: The information provided in this packet is subject to change.

**CT Imaging Technology Program
Structured Education Certificate C45200SE
TENTATIVE Curriculum Schedules**

CT Imaging Technology Program Structured Education Certificate Fall - Spring		
Fall Semester		
Course	Course Title	Cr Hr
CAT 211-805	CT Procedures	4
CAT 212-805	CT Sectional Anatomy	3
Spring Semester		
CAT 210-805	CT Physics and Equipment	3
CAT 214-805	CT Pathology	3

CT Imaging Technology Program Structured Education Certificate Spring - Summer		
Spring Semester		
Course	Course Title	Cr Hr
CAT 210-810	CT Physics and Equipment	3
CAT 214-810	CT Pathology	3
Summer Semester		
CAT 211-810	CT Procedures	4
CAT 212-810	CT Sectional Anatomy	3

CT Imaging Technology Program Structured Education Certificate Summer - Fall		
Summer Semester		
Course	Course Title	Cr Hr
CAT 211-800	CT Procedures	4
CAT 212-800	CT Sectional Anatomy	3
Fall Semester		
CAT 210-800	CT Physics and Equipment	3
CAT 214-800	CT Pathology	3

CAT 3100, CT Clinical Experience

Course Overview and Information

Course Description:	This course provides technologists the clinical experience required for ARRT post-primary certification in Computed Tomography. Emphasis is placed on patient care, screening, contrast administration, and manipulation of CT equipment. Individuals entering this course must be ARRT and/or NMTCB certificated and registered in Radiography, Radiation Therapy, and/or Nuclear Medicine Technology. Upon completion, students should be able to demonstrate successful completion of course objectives.
Course Learning Objective:	After completing this course, students will have documented the performance of a minimum of 125 repetitions of diagnostic quality computed tomography procedures by selecting a minimum of 25 out of 59 procedures from six different categories (Head, Spine, and Musculoskeletal, Neck and Chest, Abdomen and Pelvis, Additional Procedures, Image Display and Post Processing, and Quality Assurance), and performed a minimum of three and a maximum of five repetitions of each, satisfying the ARRT clinical experience requirement needed to pursue postprimary credentials in Computed Tomography.
ARRT Requirement:	Completing this course satisfies the ARRT Clinical Experience requirement. Technologists who complete this course should be eligible to apply to take the ARRT postprimary certification and registration exam in CT having met the Pre-Requisites/Prior Learning Requirements for acceptance.
Course Hours:	340 Total Hours; 16 Clinical Prep Lecture Hours (via Blackboard) and 324 Clinical Hours
Clinical Facility Placement:	Students select the clinical facility where they will complete their clinical experience. Sites can be selected from a list of approved clinical affiliates or request to submit a site for approval. Program faculty will guide the student through the process of site approval which includes the signing of a Clinical Affiliation Agreement. Once an Agreement is finalized, the facility will be added to the Program's list of approved clinical affiliates. The student is responsible for contacting the site to ensure the site will accommodate the student's clinical experience.
Schedule Requirements:	Students work with their clinical site to create a schedule that each approves; the schedule is then submitted for Program approval. Schedules must meet the following requirements to receive Program approval:

Workdays: Monday - Sunday
Minimum Days per Week: 2
Hours: 6:00 am - 12:00 am
Maximum Hours per Day: 12
Minimum Hours per Week: 18

Course Offerings: This course is a multi-start offering with sections start every other month:
June 2021-2022
June 1, 2021
August 1, 2021
October 1, 2021
December 1, 2021
February 1, 2022
April 1, 2022
June 1, 2022

Course Completion: Satisfying the *Course Hours* and *Course Learning Objective*

Pre-Requisites/Prior Learning Requirements: Individuals entering this course must:

1. Submit proof of current ARRT and/or NMTCB certification and registration in Radiography, Radiation Therapy, and/or Nuclear Medicine Technology
2. Submit proof of current CPR certification
3. Submit documented proof of having satisfied the ARRT requirement of 16 hours of structured education, including at least one credit from each of the content categories from the *Examination Content Specifications for Computed Tomography* and the remaining hours earned from any one or more of the categories **OR** be currently enrolled in the Forsyth Tech CT Imaging Technology Structured Education Certificate Program.

Evaluation Method: Acquiring specific procedures covered in the *Course Learning Objectives*

Grading Criteria: Satisfactory or Unsatisfactory

Passing Criteria: Completing the *Course Hours* and *Course Learning Objectives*

Required Textbook: CAT 3100 CT Clinical Experience Course Module

Other Requirements: Highspeed Internet Access
Computer Access
Background Check and Drug Screening
Completed Forsyth Tech Student Medical Form

Malpractice Insurance
Professional Attire

Estimated Cost:	Registration Fee (includes Malpractice Insurance)	\$208
	Background Check and Drug Screening	97
	Course Fee to cover cost of Dosimeter	<u>+ 50</u>
	Estimated Total Cost:	\$355

Additional Cost: Physical as Needed
Vaccines and/or Titters as Needed
Professional Attire as Needed

Additional Information or Questions: Contact Cindy Smith, Program Coordinator of the CT Imaging Technology Program at 336.734.7560 or csmith@forsythtech.edu.

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