

Computed Tomography Imaging

Certificate in Computed Tomography Imaging (CERT_CTIC)

Flanagan Campus, Lincoln only

Computed Tomography is a dynamic technology used in the diagnosis of disease, in monitoring patient progress, in controlled screenings to help prevent disease or in research. This two-semester program, which combines classroom instruction, online learning and supervised clinical practice, focuses on understanding the basic principles of computed tomography imaging and the care of patients requiring diagnosis or treatment. The goal of this program is to prepare students who can competently and safely perform computed tomography procedures, display the personal qualities of integrity, responsibility, and reliability and who function as active members of the healthcare team.

Graduates receive a certificate in Computed Tomography imaging and are prepared to sit for the national credentialing examination offered by the American Registry of Radiologic Technologists. They are eligible for employment in hospitals, clinics, and private imaging facilities.

Note: Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

GENERAL POLICIES

See important general policies in the beginning of this section on the performance-based Health Sciences application process, academic progress, advanced placement, background check, CPR certification, health insurance, health records, reinstatement, transportation, uniforms, and equipment.

Minimum requirements to apply to the Computed Tomography Imaging certificate program

1. **CCRI application** – Complete and submit a CCRI Application for Enrollment. General Studies should be the first choice; CTIC should be the second choice.
2. **High school transcript** – An official copy of a high school or GED® transcript, including date of graduation, must be provided. If the applicant holds a baccalaureate degree from an accredited college or university, the high school transcript may be waived; a college transcript must indicate completion and degree awarded.
3. **ARRT Certificate** – Current certification as a radiologic technologist through the American Registry of Radiologic Technologists. (NMTCB, Nuclear Medicine Technology Certification Board certifications is an acceptable substitute.)
4. **Health Sciences application** – Complete and submit a performance-based Health Sciences application including a preadmission degree evaluation during the open enrollment period.
 - a. **IMPORTANT:** Submission of a performance-based Health Sciences application does not guarantee acceptance to the program. Acceptance is based on points earned as listed in the program acceptance criteria point system. (See www.ccri.edu/dean-hrs.) At the time of admission, students must meet the current admission requirements. Students declining acceptance into the program for the semester offered must resubmit a performance-based Health Sciences application and meet the current admission requirements. Once accepted, students must attend a mandatory orientation conducted by the Allied Health Department.
5. **Background check** – Students are required to submit a background check when directed by notification from Enrollment Services.

Program Requirements

- The major requirements of this program must be taken in sequence. They are open only to students who are formally accepted into the program.
- No grade less than a C is acceptable in any of the technical courses (CTIC).
- Maintain a cumulative GPA of 2.0 or greater.
- Program faculty reserve the right to require withdrawal of any student from the program or to refuse reinstatement based on the student's academic, clinical or professional performance.

RECOMMENDED COURSE SEQUENCE

- First semester: CTIC 1010, CTIC 1020, CTIC 1030
- Second semester: CTIC 2010, CTIC 2020, CTIC 2030

Certificate Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
CTIC 1010	Fundamentals of CT		1
CTIC 1020	Procedures and Protocols in CT Imaging		2
CTIC 1030	Cross-sectional Anatomy I		6
CTIC 2010	Patient Care for CT		1
CTIC 2020	Advanced Applications and Pathology for CT		3
CTIC 2030	Cross-sectional Anatomy II		6
Total Certificate Requirements Credits			19
Total Program Credits			19