COMPUTED TOMOGRAPHY PRACTICUM

Our Program

The University of Nebraska Medical Center, College of Allied Health Professions, Computed Tomography (CT) Practicum offers one semester of didactic and clinical experience to graduates of an accredited radiography program. The Practicum will be offered twice during the academic year; during the summer and fall semesters.

Participants who complete the practicum will have the opportunity to acquire the knowledge, skill-base, and exam requirements needed to be eligible to sit for the CT Registry exam offered by the American Registry of Radiologic Technologists (ARRT). While there are a limited number of recognized clinical sites, the applicant has the opportunity to work with the UNMC Radiography Program Director to acquire affiliation agreements with additional clinical sites in state and out of state in order to participate in the practicum.

Length of Program

Didactic course work can be completed in as little as one semester. Clinical requirements can take longer based on clinic exposure to scan requirements needed to sit for certification.

Program Offered

Computed Tomography Practicum (offered in Summer and Fall semesters only)

Certification

The American Registry of Radiologic Technologists (ARRT) is the credentialing organization that recognizes individuals qualified in the use of ionizing and non-ionizing radiation to promote high standards of patient care in diagnostic medical imaging, interventional procedures and therapeutic treatment. The ARRT tests and certifies technologists and administers continuing education and ethics requirements for their annual registration.

The ARRT provides certification in Computed Tomography disciplines.

Upon completion of the CT practicum at UNMC, completers are eligible to apply for the national examination(s) for certification offered by ARRT.

Admissions

Computed Tomography

Admission Requirements

Enrollment in each program is limited and competitive. The admissions committee of each program, composed of program faculty and administration, evaluates the qualifications of each applicant and makes the final selections for admission.

Admission to the Computed Tomography Practicum requires the applicant to successfully complete the following prior to matriculation:

1. Graduate from an accredited Radiography Program. Students in their final months of study are eligible to apply.
2. Certified, registered and in good standing with the ARRT.

College prerequisites, course requirements, and program requirements are subject to change.

All required didactic and clinical courses must be completed with a minimum letter grade of C- or better to meet requirements for graduation from the program.

For more information about the ARRT and requirements for certification and registration please contact:

The American Registry of Radiologic Technologists (https://www.arrt.org)
1255 Northland Drive
St. Paul, MN 55120-1155
Phone: 651.687.0048

Salaries vary depending on years of experience, number of certifications, and geographic location.

CT technologists use these innovative technologies to create diagnostic images by determining and setting technical parameters, and positioning the patient to create images that accurately display anatomy and pathology. In addition to technical expertise and computer literacy, excellent communication skills are essential for CT technologists who are responsible for patient education, instruction, and safety.

Career Outlook

The career outlook for CT technologists is good. New technologies and the increased use of diagnostic procedures have created many opportunities in this field.

Employment of radiologic CT technologists is expected to grow faster than average for all occupations through 2018, as the population grows and ages, increasing the demand for diagnostic imaging.

Career opportunities available to CT technologists include: clinics, hospitals, research institutes, educational facilities, or equipment application and sales.

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Get complete application details on How to Apply (https://www.unmc.edu/alliedhealth/education/ct/admission/apply.html).

Application Deadline (https://www.unmc.edu/alliedhealth/education/deadlines.html)

Curriculum

CT Curriculum

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<th>Code</th>
<th>Title</th>
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<tr>
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<td>or MITS 660R</td>
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<tr>
<td>MITS 462R</td>
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About the Profession

If you were a computed tomographer, your job would be to use a number of thin, rotating x-ray beams and computer technology to create cross sectional (axial) images of the human body.

In computed tomography (CT), the computer measures the intensity of x-rays, which are transmitted through the patient, and displays the information as an image on a monitor.
Computed Tomography Practicum

or MITS 662R  CT CLINICAL EDUCATION

Total Credit Hours  6