

# Computed Tomography Technologist, Certificate

Award Granted: Certificate in Computed Tomography Technologist

Credits/Contacts Required: **17/17**

Major code: 04/450

CIP Code: 510911

## Description

Computed Tomography Technologists are highly skilled professionals trained to operate CT equipment, which produces cross-sectional images of patients' bones, organs and tissue that are used to diagnose medical conditions in medical facilities and outpatient centers under the direct supervision of a health care provider. The CT program is designed not only to foster the skills and knowledge necessary for competent practice, but also places emphasis on professional attitudes, values and behaviors that encourage the professional growth of the individual student. Clinical learning experiences are provided by affiliating hospitals, clinics and other outpatient facilities. Didactic learning experiences occur in supportive college course work delivered through an online environment. Both are equally important to the development of the competent CT Technologist.

The CT program is a certificate program. Students must have graduated from an accredited program and be a registered radiographer RT(R). The program has been developed to be consistent with standards and requirements of the American Registry of Radiologic Technology (ARRT). Upon completion of the CT program graduates will be eligible to take the ARRT-CT exam. Upon passing the CT exam, Radiologic Technologists have earned their RT(R)(CT).

### Certificate Requirements (Min 17 Credits)

- CTGT 210 - CT Patient Care and Safety **Credit: 1**
- CTGT 215 - Principles of CT **Credit: 1**
- CTGT 220 - CT Instrumentation **Credits: 2**
- CTGT 230 - CT Procedures and Pathophysiology I **Credits: 3**
- CTGT 231 - CT Procedures and Pathophysiology II **Credits: 3**
- CTGT 240 - CT Clinical Practice I **Credits: 3**
- CTGT 241 - CT Clinical Practice II **Credits: 3**
- HLTH 146 - First Aid/Basic Life Support for Healthcare Providers **Credit: 1**

### Suggested Sequences Per Semester

#### First Semester

- CTGT 210 - CT Patient Care and Safety **Credit: 1**
- CTGT 215 - Principles of CT **Credit: 1**
- CTGT 230 - CT Procedures and Pathophysiology I **Credits: 3**
- CTGT 240 - CT Clinical Practice I **Credits: 3**

First Semester Total - Credit(s): 8 | Contacts: 8

#### Second Semester

- CTGT 220 - CT Instrumentation **Credits: 2**
- CTGT 231 - CT Procedures and Pathophysiology II **Credits: 3**
- CTGT 241 - CT Clinical Practice II **Credits: 3**
- HLTH 146 - First Aid/Basic Life Support for Healthcare Providers **Credit: 1**

Second Semester Total - Credit(s): 9 | Contacts: 9