

# COMPUTED TOMOGRAPHY (CT) CERTIFICATE

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Angela Lee, BSRT, **Coordinator**  
 Phone: (419) 995-8257  
 Email: lee.a@rhodesstate.edu  
 Office: TL 102D

The Computed Tomography (CT) Certificate Program is designed to provide radiographers with knowledge and basic skills in the practice of computed tomography (CT). Students will gain didactic knowledge which can be used to fulfill the structured education requirement for the ARRT computed tomography certification exam.

The clinical education portion of the certificate provides basic experience in computed tomography and with completion of the specific mandatory patient exam requirements completed with the student's employer will make them eligible to take the ARRT computed tomography certification exam.

The clinical portion of the certificate provides basic experience in computed tomography but does not complete the clinical competency requirement for the ARRT computed tomography certificate.

## Program Learning Outcomes

Upon completion, the student will be able to:

- Demonstrate clinical competence.
- Demonstrate effective communication skills.
- Utilize critical thinking.
- Demonstrate professionalism.

### Technical Standards

See here for details.

### Computed Tomography (CT)

## Certificate

### First Year

First Semester		Hours
RAD 2620	Principles of Computed Tomography	1
RAD 2622	Computed Tomography Procedures	1
<b>Term Hours</b>		<b>2</b>

### Second Semester

RAD 2631	Clinical Education I - CT	1
RAD 2632	Clinical Education II - CT	1
<b>Term Hours</b>		<b>2</b>
<b>Total Hours</b>		<b>4</b>

### Radiographic Imaging Major

In addition to the general admission requirements for all students, all applicants for the Computed Tomography (CT) Certificate program must hold a current RT(R) certification from the ARRT as CT is a specialization of radiography and the knowledge of x-ray interactions and radiation biology are a necessity for these courses.