



Radiologic Science-Computed Tomography (CTMT)

This program is designed to provide advanced professional training opportunities in Computed Tomography for imaging technologists who hold current certification in radiography from the American Registry of Radiologic Technologists (ARRT). Computed Tomography is a highly technical x-ray imaging modality that uses special x-ray equipment combined with skilled technologists to obtain image data by moving the x-ray source and the sensor/detectors around the patient. Computer synthesized data is acquired from multiple angles and processed to show detailed cross-sections of body tissues and organs in various planes. For more information on this educational program select the corresponding link at www.kilgore.edu.

Fall Semester

Course	Semester Hours
RADR 2340 Sectional Anatomy for Medical Imaging	3
CTMT 2336 Computed Tomography Equipment and Methodology 6	3

Spring Semester

Course	Semester Hours
CTMT 2332 Principles of Computed Tomography	3
CTMT 2264 Practicum (or Field Experience)- Radiologic Technology/Science- Radiographer	2 5

Summer Term (Flex)

Course	Semester Hours
CTMT 2265 Practicum (or Field Experience)- Radiologic Technology/Science- Radiographer	2
CTMT 1291 Special Topics in Computed Tomography Technology**	2
	4

Total Hours 15

+ Course of study identification number.

** Capstone Experience.

Note: Successful completion of the program satisfies the educational and exam performance requirements for eligibility to sit for the national certification examination in Computed Tomography offered by the ARRT. Prospective students should submit a Computed Tomography Program application to the Radiologic Science Department. Students must have their own transportation to assigned off-campus clinical sites. All courses listed in the Computed Tomography Program curriculum must be completed with a "C" or better to progress in the program and attain successful program completion.

RADR and CTMT Academic (Didactical) Grading Scale:

CTMT Clinical Grading Scale:

100-92	A
91-83	B
82-75	C
74-67	D
Below 67	F

100-94	A
93-87	B
86-80	C
79 -70	D
Below 69	F