Radiologic Science-Computed Tomography +8033C

This program is designed to provide advanced professional training opportunities in Computed Tomography for imaging technologists who hold current certification in radiography from the 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	3
		6
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:

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

CTMT Clinical Grading Scale:

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