SKILLS CERTIFICATE, COMPUTED TOMOGRAPHY (CAT SCAN)

This program can be completed 100% online.
The Skills Certificate, Computed Tomography (CT or Cat Scan) is a professional certificate designed for those who are registered radiologic technologists (RT) and want to continue their education after completing an associate degree (or higher) in the radiologic sciences. It is further designed to provide well trained and knowledgeable, entry-level CT technologists to meet the needs of the medical imaging community and for those students who are in search of a CT program that will prepare them to take the advanced certification examination in CT administered by the American Registry of Radiologic Technologists (ARRT). This program has been submitted for approval to the US Department of Education for financial aid funding. It is not eligible for financial aid at this time. However, it will be eligible for scholarship funding if the student is awarded scholarships.

Outcomes

Students completing the certificate will:

- List and describe patient safety issues for CT scanning.
- Identify cross-sectional anatomy and pathology to cover the entire human body.
- Define and describe imaging techniques for the entire human body to include patient positioning, protocols, scan sequences, advanced imaging, and post processing procedures.

Skills Certificates provide training for entry level positions or career advancement and are designed to prepare students to take state, national and/or industry-recognized certifications or licensing exams. Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester (Student are unable to declare intent to complete a skills certificate.) Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0
2. Have no financial or library obligation to the college

Code	Title	Units
Certificate Requirements		
AMI 203	Introduction to Computed Tomography Basics, Instrumentation & Safety	2
AMI 216	Computed Tomography Procedures I	3
AMI 218	Computed Tomography Physics & Instrumentation I	3
AMI 226	Computed Tomography Procedures II	3
AMI 228	Computed Tomography Physics & Instrumentation II	3
AMI 236	Cross-Sectional Anatomy and Pathology for Imaging Professionals	3
AMI 259	Seminar in Computed Tomography (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1
AMI 290	Internship in Advanced Medical Imaging (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1-3
Total Units		**19-21**

1st semester		**Units**
AMI 203	Introduction to Computed Tomography Basics, Instrumentation & Safety	2
AMI 216	Computed Tomography Procedures I	3
AMI 218	Computed Tomography Physics & Instrumentation I	3
AMI 236	Cross-Sectional Anatomy and Pathology for Imaging Professionals	3
AMI 290	Internship in Advanced Medical Imaging (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1
	Semester Total	**12**
2nd semester		
AMI 226	Computed Tomography Procedures II	3
AMI 228	Computed Tomography Physics & Instrumentation II	3
AMI 259	Seminar in Computed Tomography	1
AMI 290	Internship in Advanced Medical Imaging (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1
	Semester Total	**8**
	Total Units	**20**