



Computed Tomography C.C.

Career Community: Health and Human Service Careers

Curriculum Code: 1816

Effective: Fall 2022 – Summer 2023

Description

The Computed Tomography Certificate of Completion is intended for registered/certified radiologic technologists with the American Registry of Radiologic Technologists® (ARRT). The curriculum provides didactic distance education, and clinical experience to teach the essential content needed for a Registered Radiologic Technologist in Radiography to begin a career in Computed Tomography. Successful completion of the program qualifies students for examination by the ARRT in Computed Tomography.

Courses in this program are offered through the Michigan Community College Association/ Michigan Colleges Online, and taught by various colleges in the Educational Programs in Collaboration (EPiC) consortium.

Milestone

Completion of CTGT 220 and CTGT 230 with a 2.5 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

Additional Information

The Computed Tomography (CT) Consortium Program is offered through the Michigan Community College Association via the Michigan Colleges Online of which LCC is a member.

First semester courses require Department Approval. Applications must be submitted by May 1 and are available through the [LCC Medical Diagnostic Technologies webpage](#). After Department Approval is received, students must complete each CTGT course with a minimum 2.5 to progress to the second and final semester and meet graduation requirements.

Contact Information

For the most current information, contact the Medical Imaging Program, Health and Human Services Building, Room 108, telephone number 517-483-1410.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CTGT 210	CT Patient Care and Safety	1 / 0*
CTGT 215	Principles of CT	1 / 0*
CTGT 220	CT Instrumentation	2 / 0*
CTGT 230	CT Procedures & Pathophys I	3 / 0*

Course Code	Course Title	Credit / Billing Hours
CTGT 231	CT Procedures & Pathophys II	3 / 0*
CTGT 240	CT Clinical Practice I	3 / 0*
CTGT 241	CT Clinical Practice II	3 / 0*

Minimum Total Credit Hours

16 credits / 0 billing hours*

*CTGT courses follow the Michigan Community College Association/Michigan Colleges Online tuition rates, and are not included in billing hours. Please contact the Imaging Technology Program Director at 517-483-1410 for current tuition rates.

Recommended Course Sequence

Semester I (Fall 2022)
CTGT 210
CTGT 215
CTGT 230 – Milestone course
CTGT 240

Semester II (Spring 2023)
CTGT 220 – Milestone course
CTGT 231
CTGT 241

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.