

# CERTIFICATION TO ENHANCE YOUR SKILLS.



## COMPUTED TOMOGRAPHY CERTIFICATE

The Computed tomography certificate program prepares students to take the computed tomography ARRT examination. There are four (4) online courses. Eligible students can also take MIT 255 to complete clinical competencies required by the ARRT to sit for the registry examination.

Computed tomography (CT) is an exciting profession that creates diagnostic images using advanced imaging techniques for interpretation by a radiologist. Technologists frequently assist a radiologist in the completion of complicated imaging examinations including tissue biopsies and fluid drainages.

CT Technologists must maintain a high degree of accuracy in positioning and exposure technique. This requires CT technologists to demonstrate an understanding of radiation physics, cross sectional anatomy, physiology, pathology, pharmacology, radiation protection and radiation safety.

CT Technologists prepare and administer contrast media and medications in accordance with state and federal regulations. Technologists must remain sensitive to the physical and emotional needs of the patient who may be critically ill or in need of critical results. Good communication, patient assessment, and attentive patient monitoring are important patient care skills. Technologists frequently utilize professional and ethical judgments and critical thinking while performing their duties.

Eligible students are those who hold current ARRT registration in radiography. Proof of ARRT Radiography certification is required to register for classes.

### JOB OPPORTUNITIES FOR GRADUATES

CT technologists are in high demand. According to the U.S. Bureau of Labor Statistics, the profession is expected to continue to grow by 9% in the next 8 years.

### LOCATION

All classes are online only.

### SALARY

Current salary ranges according to the U.S. Labor occupational outlook handbook are \$61,980. CT technologists can expect to make up to \$29.80 per hour.

### REQUIRED COURSES

#### FALL SEMESTER

MIT 251	Fundamental Principles of CT	Credits: 4(Lec: 4)
MIT 252	Sectional Anatomy for CT	Credits: 4(Lec: 4)

#### SPRING SEMESTER

MIT 253	Safety & Patient Care in CT	Credits: 4(Lec: 4)
MIT 254	Pathology & Protocols in CT	Credits: 4(Lec: 4)

OWENS.EDU

Office of Admissions  
Toledo-area Campus - (567) 661-7777

School of Nursing and Health Professions  
Department of Radiologic Technology  
Program Chair: (567) 661-7376



OWENS  
COMMUNITY COLLEGE