

PARKER UNIVERSITY

COMPUTED TOMOGRAPHY CERTIFICATE

Parker University is a nonprofit, regionally accredited university that offers a Certificate in Computed Tomography. The program prepares students to serve a wide variety of clients by using computed tomography. CT technologists perform imaging procedures that use ionizing radiation to create images for diagnostic and therapeutic purposes. With CT technology, physicians can view the inside of organs, a feat not possible with general radiography.

PARKER'S COMPUTED TOMOGRAPHY CERTIFICATE PROGRAM CONSISTS OF:

- ▶ Preparation for the Computed Tomography Advanced Certification Examination, offered by the American Registry of Radiologic Technologists (ARRT).
- ▶ A total of 16 credit hours (ARRT approved)
 - Course work in cross-sectional anatomy, pathology, patient care, and safety. CT procedures, equipment, image evaluation, instrumentation, image pathology, technique, physics, quality assurance, and quality control

PARKER'S CERTIFICATE IN CT PROGRAM PREPARES ITS GRADUATES TO:

- ▶ Produce high quality images by possessing the knowledge, clinical application, radiation safety practices, and patient care skills needed to meet the needs of the diagnostic imaging community as entry level Computed Tomography Technologists.
- ▶ Demonstrate sound problem solving and critical thinking skills necessary to function effectively in the clinical setting.
- ▶ Communicate effectively with patients, peers, and other members of the health care team. Through effective communication students will function as a productive member of the health care team.
- ▶ Understand the purpose and importance of professional values, ethics, continuing education, and lifelong learning.



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Igniting Passion. Transforming Lives.

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WHY PARKER'S COMPUTED TOMOGRAPHY PROGRAM?

- ▶ Hands-on clinic experience
- ▶ Schedule options that allow students to manage other personal and professional commitments
- ▶ A wide range of continuing education subjects



ACCREDITATION

SACS Accreditation

Parker University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award a Computed Tomography Certificate. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Parker University.



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WHAT DO COMPUTED TOMOGRAPHY TECHNOLOGISTS DO?¹

A computed tomography (CT) technologist is a medical-imaging specialist who is responsible for running the equipment necessary to obtain images of clients needed by medical professionals providing care. CT technologists are directed by medical professionals to take an image of particular area of the patient.

Computed Tomography Technologist Tasks

- ▶ Perform an array of computerized tomographic scanner processes.
- ▶ Operate CT scanner to provide cross-sectional images and data for medical treatment and diagnosis.
- ▶ Use radiation safety measures and protection devices to comply with government regulations and to ensure safety of patients and staff.
- ▶ Explain procedures and observe patients to ensure safety and comfort during scan.
- ▶ Calibrate, maintain, and troubleshoot radiologic equipment.

CAREER OUTLETS FOR PARKER UNIVERSITY'S COMPUTED TOMOGRAPHY GRADUATES INCLUDE:

- ▶ Imaging Centers
- ▶ Hospitals
- ▶ Private Physician Practices
- ▶ Outpatient Care Centers

WHAT IS THE CAREER OUTLOOK FOR COMPUTED TOMOGRAPHY GRADUATES?²



28% growth rate
through 2020



\$60,586 median income

¹[https://www.payscale.com/research/US/Job=Computed_Tomography_\(CT\)_Technologist/Hourly_Rate](https://www.payscale.com/research/US/Job=Computed_Tomography_(CT)_Technologist/Hourly_Rate)

²<https://work.chron.com/salary-computed-tomography-technician-6110.html>