

Carolinas College of Health Sciences
ADDENDUM
2017-2018 Catalog
Original Update: 2/11/2019

Course Descriptions

CTT 101: Computed Tomography I

Credits 4: (2 Class, 2 Practicum)

Computed Tomography 101 is a theory and clinical class designed for the ARRT registered Radiologic Technologist to advance their knowledge and skill within the modality of computed tomography. The didactic component of the class focuses on CT physics principles, CT equipment, CT-specific procedures, image acquisition, processing and reconstruction, image quality and cross-sectional anatomy. Patient safety concerns are addressed throughout the course as it relates to radiation safety, contrast issues and an overall emphasis on patient care. The class introduces students to advanced CT procedures, such as CT-guided biopsies, brain perfusions, and CT cardiac studies. This course briefly discusses the future advancements of CT technology. Clinical emphasis will continue to develop and demonstrate competency in the performance of CT procedures and patient care skills. Prerequisite: ARRT Registry