

## **CT Program Outcomes/Objectives**

Upon successful completion of the CT program, students will be able to:

- Demonstrate clinical competence consistent with entry level CT technologist professionals
  - Position patients to demonstrate the desired anatomy using body landmarks and scanner controls
  - Select appropriate protocol and scan parameters, modifying as needed to produce diagnostic imaging scans
  - Apply radiation protection methods and procedures in CT for the safety of patients, staff, and visitors
  - Correctly identify anatomy and pathology on the image
  - Critique images for diagnostic quality and know how to correct the image
- Exercise critical thinking skills
  - Evaluate the patient appropriately for use contrast media administration, identifying any contraindications
  - Identify a contrast media reaction and take proper steps to manage the incident
- Apply patient care and management techniques to ensure confidentiality, safety, comfort, modesty, health, and well-being of the patient
  - Utilize special precautions that must be taken when scanning a patient that is sedated, anesthetized, or unconscious
- Adhere to ethical and legal standards of Computed Tomography practice
  - Summarize their professional obligations upon gaining certification in CT
  - Deliver patient care in a non-biased approach
  - Demonstrate behavior that is reflective of the ASRT Professional Code of Ethics