

**CTCP 2140 Clinical Applications I** (0-16-4)

This course introduces students to the clinical setting of a Computed Tomography (CT) department. It allows students to observe and gain knowledge of CT procedures as well as patient care while in the CT department. Introduces the student to the CT scanner, protocols, equipment used, contrast agents, as well as starting to work toward their clinical competencies needed for this course and the American Registry of Radiologic Technologists (ARRT).

Corequisite: Graduation from accredited Radiology, Nuclear Medicine or Radiation Therapy Program.

Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMBCT).

**CTCP 2150 Clinical Applications II** (0-24-6)

This course is a continuation of the hands-on training about the CT scanner, protocols, equipment, contrast agents, as well as post-processing that was introduced in the previous clinical course. It allows students to become more proficient as well as gaining work experience needed to join the workforce as an entry-level technologist and towards the completion of their clinical competencies needed for this course as well as the American Registry of Radiologic Technologists (ARRT.)

Corequisite: Graduate from an accredited Radiology, Nuclear Medicine or Radiation Therapy Program.

Prerequisite: Registered Radiologic Technologist, Nuclear Medicine Technologist, or a Radiation Therapy Technologist with the ARRT or Nuclear Medicine Technology Certification Board (NMBCT.), CTCP 2140

Offered: Spring and Summer.

**CVTE 1100 Introduction to Cardiovascular Technology** (1-0-1)

This course is designed to provide the student with the basic understanding of the Cardiovascular Technician Profession. Topics of discussion will include Invasive Cardiology, Non-Invasive Cardiology, Basic Cardiovascular Anatomy and Physiology, basic Cardiovascular terminology, basic Electrocardiography (ECG/EKG), ethical and legal considerations, vital signs, current and coming technology related to the field of study, employment opportunities, outlook, and earnings potential as defined by the U.S. Department of Labor. A field trip will also be used to help enhance the learning of the Cardiovascular Technician student.

Corequisites: None.

Prerequisite: Completion of all Learning Support requirements.

Offered: Summer.