**RADIOGRAPHY:**
**Computed Tomography**
Career Studies Certificate                                                                              **MEC**

*Purpose:* This career studies certificate in Computed Tomography (CT) is designed as an enhanced-competency module to provide expertise in computed tomography to registered technologists. This curriculum will prepare registered technologists for employment as computer tomographers in hospitals and imaging centers. Courses will fulfill professional continuing education (CEU) requirements, including the American Society of Radiologic Technologists' ECE program.

*Program Requirements:* All students must hold a current CPR-C certification. Students must maintain a C average in all courses. A career certificate will not be awarded until a grade of C or better is obtained in all didactic and clinical components.

*Eligibility:* All students must be graduates of an approved radiologic technology program and be registered or registry eligible according to the standards provided by the American Registry of Radiologic Technologists. *Radiographers must be registered in Radiography for one year prior to being eligible to sit for the Computed Tomography Registry.*

*Clinical Requirements:* Students will be required to locate an imaging center/hospital to complete the clinical component of this course. An NOVA Preceptor Agreement must be presented to the clinical staff. The contract must be signed and filed in the radiography offices prior to beginning clinical rotations. Days and hours of clinical assignments will be agreed upon by the preceptor and the students. Students must complete the specified clinical hours by the end of the semester.

| One Semester | Credits | |
|---|---|---|
| [1]ENG/CST | Elective | 3 |
| RAD 242 CT Procedures and Instrumentation | 2 | |
| RAD 243 Clinical Internship in Computed Tomography | 1 | |
| RAD 247 Cross-Sectional Anatomy | 3 | |
| **Total** | **9** | |

**Total credits for the Computed Tomography Career Studies Certificate = 9**


**Students graduating from the CT and MRI certificate programs must meet the additional requirements specified by the American Registry of Radiologic Technologists to be eligible for the certification examination. Please see specific examination requirements posted on the ARRT website: www.arrt.org.**

[1] The ENG/CST requirement may be met by ENG 111 or other ENG courses approved by your advisor, or by CST 100, 110, 115, 126, 227 or 229.