**ESSEX COUNTY COLLEGE**

**Course Outline**

**Student Learning Outcomes (SLO) Assessment Summary Sheet**

**Course Prefix & Number**: RTC 203 **Course Title**: Special Procedures

**Credit Hours**: 3.0 **Contact Hours**: 5.0 **Name of Person Completing this Form**: Mary Ellen Carpenter

**Type of Course:** (Check **all** that apply.)

Developmental Not required for any program (not a major or additional requirement)/Other

AA program major requirement AS program major requirement AAS program major requirement

(Radiography Program)

AA program additional requirement AS program additional requirement AAS program additional requirement

General Education affirmed course – if so, indicate the foundation category/ies the course is **affirmed** by GECC as addressing:

Written and Oral Communication Humanistic Perspective

Quantitative Knowledge and Skills Historical Perspective

Scientific Knowledge and Reasoning Global and Cultural Awareness of Diversity

Technological Competency/Information Literacy Ethics

Society and Human Behavior

**Student Learning Outcomes (SLOs)**:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Detailed Goal (SLO)** | **Assessment Method** | **Introduction (I) or** **Mastery (M)** **of SLO** |
| **Course Goals** | Describe the parts of a computer utilized in radiographic imaging. |  | N/A |
| Identify and/or explain the basic concepts behind Computed Tomography (CT) imaging. |  |
| Recognize and describe interventional studies performed in the radiology department. | Blueprinting test questions. |
| Explain the basic operation and safety aspects of Magnetic Resonance Imaging (MRI). | Blueprinting test questions. |
| Describe the three types of digital imaging. |  |
| Perform quality control tests required for imaging departments. |  |
| Recognize and differentiate between the regulating agencies, departments, and committees, with which medical imaging departments and staff must be in compliance. |  |
| Describe the basic concepts of radiation oncology, nuclear medicine, and bone densitometry. |  |
| **Program Goals\***(if course is a major requirement) | Take the American Registry of Radiologic Technology (ARRT) Examination and the New Jersey State Licensure Exam. |  | M |
| Work in a career with a promising future and, as a Registered Technologist (RT), work in any of the 50 states. |  | M |
| Use X-ray equipment to produce images of internal body structures. |  | M |
| Specialize in Mammography, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), or other imaging specialties. |  | M |
| Become a vital member of the patient care team. |  | M |
| **Gen Ed Goals\***(if course is a Gen Ed course) | N/A | N/A | N/A |

**\*** addressed by **THIS** specific course