GOALS

Upon completion of the Radiologic Science Program, graduates will be able to:

1. **Practice as clinically competent, entry-level Radiologic Technologists.**

   Learning Outcomes:

   1.1. Demonstrate proficiency in patient positioning skills.

   1.2. Select and apply appropriate technical factors to produce diagnostic-quality images.

   1.3. Apply proper radiation protection principles for patients, self, and others.

2. **Demonstrate strong critical thinking and problem-solving skills.**

   Learning Outcomes:

   2.1. Apply critical thinking skills to modify imaging parameters for trauma and mobile radiography.

   2.2. Apply critical thinking skills to adjust fluoroscopic positioning for surgical radiography (e.g., Competency Form Q5).

   2.3. Modify imaging techniques appropriately for pediatric and geriatric populations.

3. **Demonstrate effective communication skills in healthcare settings.**

Learning Outcomes:

   3.1. Exhibit clear and professional oral communication in laboratory and clinical environments.

   3.2. Demonstrate effective written communication skills appropriate for healthcare documentation.

4. **Perform professional responsibilities ethically and professionally.**

Learning Outcomes:

   4.1. Analyze ethical dilemmas and evaluate appropriate solutions and potential consequences.

   4.2. Demonstrate consistent professional behavior in academic and clinical settings.

5. **Demonstrate proficiency in digital imaging.**

Learning Outcomes:

   5.1. Demonstrate competency in digital image acquisition, processing, archiving, and communication.

      5.1.1. RADT 127 – Digital Imaging Project

      5.1.2. RADT 127 – Digital Imaging Selected Exam Questions

   5.2. Produce and evaluate diagnostic-quality digital images.

   5.3. Describe the functions and integration of DICOM, RIS, HIS, PACS, and HL7 within healthcare systems.