

**North Central State College**  
**Radiological Sciences**  
**Program Mission, Goals and Student Learning Outcomes**

**Program Mission:** The mission of the radiography program sponsored by North Central State College is to produce technically competent, entry-level radiographers. Our graduates will demonstrate compassion and empathy toward patients, possess critical thinking and problem-solving skill and demonstrate professionalism.

**Student Learning Outcome (SLO) 1. Students demonstrate clinical competency.**

Outcomes:

- The student effectively manipulates radiographic equipment.
- The student accurately applies positioning skills.
- The student correctly utilizes radiation protection measures and principles.
- The student accurately selects appropriate technical factors.
- The student demonstrates appropriate patient care skills.

**SLO 2. Students demonstrate critical thinking and problem-solving skills.**

Outcomes:

- The student performs a lab simulation using adaptive positioning .
- The student evaluates images for diagnostic quality.
- The student performs an image evaluation.
- The student demonstrates an organized process for completion of a multiple exam study.

**SLO 3. Students demonstrate effective communication skills.**

Outcomes:

- The student demonstrates oral communication skills.
- The student demonstrates effective written communication skills.

**SLO 4. Students demonstrate professional attitudes, behaviors and ethics.**

Outcomes:

- The student demonstrates professional work ethics.
- The graduate demonstrates professional and ethical standards.

**Accreditation Information:**

The North Central State College Radiological Sciences program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program has a full 8 year accreditation. North Central State College is regionally accredited through the North Central Association of Colleges and Schools. Effectiveness data for the program will be available on the JRCERT and North Central State College websites. Contact information for the JRCERT:  
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