PROGRAM GOALS  
AND LEARNER OUTCOMES

The student will be able to do the following upon successful completion of the Bluefield State College Radiologic Technology Program:

1. The student will utilize effective communication skills when interacting with the patient and other members of the health care team, demonstrating knowledge of both communication and critical thinking skills necessary to the profession.

2. The student will demonstrate ethical and professional behavior, practicing within the code of ethics and scope of practice for the profession.

3. The student will understand the function of medical image processing, with demonstration of knowledge concerning various forms of image processing and determine the proper departmental sequence for proper filing of a completed image.

4. The student will evaluate image quality, applying the knowledge of positioning and technical selection necessary for diagnostic images.

5. The student will provide the patient with proper care during medical imaging procedures. This will include knowledge of body mechanics, patient immobilization, basic life support techniques, patient education for examinations, and overall patient care and comfort.

6. The student will demonstrate the proper methods of radiation protection and exposure selection with regard to the patient, the equipment, other personnel, and to oneself.

7. The student will demonstrate knowledge of basic human anatomy and physiology, demonstrating the ability to radiographically identify anatomic structures and basic pathologic findings.

8. The student will properly position the patient in correlation with medical imaging equipment for the production of a diagnostic image.

9. The student will demonstrate knowledge of radiation physics, understanding the basic operation and maintenance of radiographic equipment and the interactions of x-ray with matter.

10. The student will utilize problem solving skills and exercise independent thinking while performing medical imaging examinations.

These are met through the didactic and clinical coursework required for the program of radiologic technology.

Revised/Reviewed: 4-08/2-09/4-12/5-15/Spring 2016/Spring 2017/Spring 2018/Spring 2019