

Do you see yourself...

- Using high-tech medical imaging equipment to produce images of the body for Radiologists to interpret?
- Participating on a medical team to diagnose and treat a patient's illness?
- Working in a profession where advancement and specialization is unlimited?

RADIATION TECHNOLOGY

Then an education in Radiation Technology may be right for you. During your educational program, you will study subjects such as:

- Health Physics
- Nuclear Science and Engineering
- Chemistry
- Physics
- Biology
- Zoology
- Mathematics
- Environmental Science
- Computer Science

Whether you consider yourself technically adept or not, you will be comfortable studying **Radiation Technology**.

FACULTY

Dr. Kwabena Agyepong
Chairperson, Associate Professor
Computer Networking & Information Technology
kwabena@alcorn.edu

Dr. Sam Aceil, Program Director
Health Physics and Nuclear
Professor
Robotics & Automation Technology
saceil@alcorn.edu

Dr. John Adjaye
Assistant Professor
Robotics & Automation Technology
adjaye@alcorn.edu

Dr. Steve Adzanu
Associate Professor
Robotics & Automation Technology
adzanu@alcorn.edu

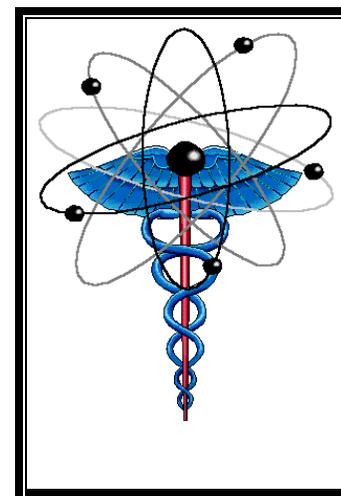
Dr. Jyotirmay Gadewadikar
Assistant Professor
Robotics & Automation Technology
jyo@alcorn.edu

Ms. Mamie Griffin, Program Director
Medical
Instructor
Robotics & Automation Technology
Mgri468135@aol.com

Dr. Ognjen Kuljaca
Assistant Professor
Robotics & Automation Technology
okuljaca@alcorn.edu

ALCORN STATE UNIVERSITY

DEPARTMENT OF ADVANCED TECHNOLOGIES



RADIATION TECHNOLOGY PROGRAM

1000 ASU DRIVE #360
ALCORN STATE, MS 39096-7500
PHONE (601) 877-6482
FAX (601) 877-3941

www.adtech.alcorn.edu

TAKE A CLOSER LOOK...

What makes a career in **Radiation Technology** worth a closer look? First, as a Radiation Technologist, you'll be on the cutting edge of scientific and technological progress, working with the latest advances in medical care, nuclear medicine technology, radiation therapy technology, and other professional areas.

You'll also be a member of a growing profession. Experts predict job openings for qualified Radiation Technologist will grow as technology expands, and opportunities to advance within the field are expanding as well.

Whether producing an x-ray image to detect a broken bone or delivering radiation therapy to destroy a cancerous tumor, Radiation Technologists provide the care that leads to diagnosis, treatment and cure. For a career that makes a difference in others' lives while improving your own, investigate **Radiation Technology**.

COURSEWORK

Radiation Technology requires 124 credit hours. The curriculum is compatible with a regular college course load. It can be completed in 3-4 years by a college-bound traditional student in Health Physics.

ASU allows students to transfer all except thirty credit hours from a SACS accredited institution or its equivalent if they are compatible to the ABET requirements in the course description category. This program can be finished in 3 years or less if one includes summer sessions or the transfer credit hours.

The curriculum is designed to satisfy the requirements set by ABET for a Bachelor of Science degree in Applied Science which is also

acceptable by AAHP (American Association of Health Physicists).

CERTIFICATE IN RADIATION TECHNOLOGY

The certificate program is usually for employees who have a college degree (A.S., B.S., M.S., other) and specialize in other areas of the multi-disciplinary field; or employees who need to have a deeper understanding of health physics to better perform their responsibilities within the enterprise. The above curriculum will enable them to fulfill that commitment. Depending on their level of preparedness, some of the courses could be omitted or supplemented to better suit their needs.

JOB OUTLOOK

A career in **Radiation Technology** offers a promising future, job stability and good salaries. Wages of Radiation Technologists are competitive with other health professionals who have similar educational backgrounds.

According to the U.S. Department of Labor's Occupational Outlook Handbook (www.bls.gov), employment opportunities are expected to grow faster than the average for all occupations through 2014, as the population grows and ages.

CAREERS IN RADIATION TECHNOLOGY

A career in **Radiation Technology** can lead in many directions. Demand for Radiation Technologists is strong across the country, especially in the health care setting.

This program prepares its graduates with credentials to be employable as Health Physicists in nuclear power plants and other establishments that deal with ionizing

radiation. Graduates are also employable as Nuclear Medicine Technologists, Diagnostic Radiography Technologists, Radiation Therapy Technologists in Oncology Departments and are qualified to use ultrasound machines for medical diagnostics in health and medical establishments.

The boundaries of a career in **Radiation Technology** are determined only by the student's abilities and interests.

SAMPLE JOBS/SALARY LEVELS

The following is a sample of jobs and salary levels:

Job Title	Low Salary	Median Salary	High Salary
Nuclear Medicine Technologist	\$41,000	\$57,000	\$80,000
Diagnostic Medicine Sonographer	\$37,000	\$52,490	\$72,000
Radiologic Technologist	\$36,000	\$43,350	\$60,210

SIGN-UP TODAY!

- Register this fall for courses.
- You may have to complete a change of major form.
- Contact us for advisement.

Visit adtech.alcorn.edu to learn more about the Department of Advanced Technologies.