Mission

The Nuclear Medicine Technology Program of Prince George's Community College offers students the opportunity to achieve their professional goals in a challenging, learning-centered environment that is responsive to community and workforce needs.

Philosophy

The Nuclear Medicine Technology Program has developed the following philosophy that supports the goals of the Institution:

1. Each student is an individual who has the right to receive the respect, instruction, and individual attention needed to become a professional Nuclear Medicine Technologist.
2. Offering a well-planned, flexible curriculum enables Prince George's County and surrounding area residents the opportunity for a viable healthcare career.
3. Each student has the right to a discrimination-free environment in all aspects of their educational experience.
4. The Nuclear Medicine Technology curriculum prepares graduates for entry level positions in structured healthcare agencies; to apply to take the ARRT and/or NMTCB certification examination, and to possess the foundational knowledge needed for life-long learning in the molecular imaging sciences.
5. Community service is vital to the program's success. Faculty and students will engage in service-learning projects that promote the health sciences.
6. A multiple-intelligence approach to teaching is used in order to accommodate the varied background, ages, learning styles, and capabilities of all students.
7. High program standards are maintained through continued education and career enhancement of faculty. This is accomplished through seminars, workshops, post-primary modalities, and college courses. Membership and participation in appropriate professional organizations are required.
8. On-going review of program standards and effectiveness is essential to meet the changing needs of the medical imaging community.

Goals

- Provide a curriculum that successfully integrates study in basic science and technical nuclear medicine with directed clinical practice, leading either to an Associates of Applied Science degree or Certificate in Nuclear Medicine Technology, as well as certification by the American Registry of Radiologic Technologists (ARRT) and/or the Nuclear Medicine Technology Certification Board (NMTCB).

- Prepare competent, entry-level technologists who demonstrate appropriate critical thinking, problem solving and communication skills.
• Foster student engagement in the learning process and provide the framework for continued professional development.

Outcomes

Graduates of the Nuclear Medicine **AAS degree** Program will be able to:

1. Perform Nuclear Medicine imaging and non-imaging procedures.
2. Operate and troubleshoot imaging and non-imaging instrumentation used in Nuclear Medicine.
3. Demonstrate communication methods necessary to work in a culturally diverse healthcare setting.
4. Use appropriate radiation safety and radiopharmaceutical handling techniques to protect patients, self and others.
5. Appraise situations and use problem-solving skills to construct appropriate solutions when needed.
6. Display professional, moral and ethical standards consistent with the Society of Nuclear Medicine Code of Ethics.
7. Apply the principles of the social sciences in the practice of nuclear medicine technology and patient care.

Graduates of the Nuclear Medicine **Certificate** Program will be able to:

1. Perform Nuclear Medicine imaging and non-imaging procedures.
2. Operate imaging and non-imaging instrumentation used in Nuclear Medicine.
3. Demonstrate communication methods necessary to work in a culturally diverse healthcare setting.
4. Use appropriate radiation safety and radiopharmaceutical handling techniques to protect patients, self and others.
5. Appraise situations and use problem-solving skills to construct appropriate solutions when needed.
6. Display professional, moral and ethical standards consistent with the Society of Nuclear Medicine Code of Ethics.