

**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE
NUCLEAR MEDICINE TECHNOLOGY (A45460)**

Effective: Fall 2009

Revised: 11/20/08

Length: 5 Semesters
Prerequisite: 1 Unit of Algebra, 1 Unit Biology & Chemistry
Award: Associate in Applied Science

FALL SEMESTER 1

Prefix No.	Title	Class	Lab	Clinical	Credit
ACA111	College Student Success	1	0	0	1
or					
ACA115	Success & Study Skills	0	2	0	1
BIO168	Anatomy and Physiology I	3	3	0	4
CHM135	Survey of Chemistry I	3	2	0	4
CIS110	Intro to Computers	2	2	0	3
ENG111	Expository Writing	3	0	0	3
NMT110	Intro to Nuclear Medicine	2	0	0	2
Totals		13/14	7/9	0	17

SPRING SEMESTER 1

Prefix No.	Title	Class	Lab	Clinical	Credit
BIO169	Anatomy and Physiology II	3	3	0	4
MAT140	Survey of Mathematics	3	0	0	3
NMT126	Nuclear Physics	2	0	0	2
NMT132	Overview-Clinical Nuc Medicine	2	0	6	4
NMT134	Nuclear Pharmacy	2	0	0	2
Totals		12	3	6	15

SUMMER SEMESTER 1

Prefix No.	Title	Class	Lab	Clinical	Credit
COM231	Public Speaking	3	0	0	3
or					
ENG115	Oral Communication	3	0	0	3
NMT211	NMT Clinical Practice	0	0	21	7
NMT212	Procedures for Nuc Med I	2	0	0	2
Totals		5	0	21	12

FALL SEMESTER 2

Prefix No.	Title	Class	Lab	Clinical	Credit
NMT215	Non-Imaging Instrumentation	1	3	0	2
NMT221	NMT Clinical Practice II	0	0	21	7
NMT222	Procedures for Nuc Med II	2	0	0	2
NMT289	Nuc Med Tech Topics	2	3	0	3
Totals		5	6	21	14

SPRING SEMESTER 2

Prefix No.	Title	Class	Lab	Clinical	Credit
NMT217	Radiobiology and Protection	2	0	0	2
PET110	Introduction to PET	2	0	0	2
PET112	PET Procedures	3	0	0	3
PSY150	General Psychology	3	0	0	3
	Humanities/Fine Arts Elective	3	0	0	3
Totals		13	0	0	13

TOTAL REQUIRED CREDITS.... 71

Co-Op Option: NA

Students with a felony conviction may have limited certification and employment opportunities.

***Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

PROGRAM FACT SHEET

NUCLEAR MEDICINE TECHNOLOGY

A45460

The Nuclear Medicine Technology curriculum provides the clinical and didactic experience necessary to prepare students to qualify as entry-level Nuclear Medicine Technologists.

Students will acquire the knowledge and skills necessary to properly perform clinical procedures. These skills include patient care, use of radioactive materials, operation of imaging and counting instrumentation and laboratory procedures.

Graduates may be eligible to apply for certification/registration examinations given by the Nuclear Medicine Technology Certification Board and the American Registry of Radiologic Technologists.

Awards

Associate Degree: Nuclear Medicine Technology (A45460)

Length of Program: 5 Semesters

Prerequisite: High School Diploma

1 Unit of Algebra

1 Unit of Biology

1 Unit of Chemistry

Diploma: Nuclear Medicine Technology (D45460)

Length of Program: 4 Semesters

Prerequisite: Applicants must: (1) be currently enrolled as a second level Radiography student in the FTCC Radiography program. Radiography students must graduate spring semester and obtain AART certification by the end of the fall semester of the Nuclear Medicine Program or (2) have graduated from an accredited Radiography program with a minimum of a 2.5 GPA and be currently AART certified. Or (3) Currently certified Allied Health professionals* with an Associate or Bachelor Degree are not required to complete an Associate Degree in Nuclear Medicine Technology. Allied Health professionals* must be currently certified by their certifying agency prior to registration in the Nuclear Medicine Technology Program. *Associate or Bachelor Degree patient care-related Allied Health professions accepted include: Nursing, Radiography, Respiratory Therapy, Physical Therapy, Medical or Cardiac Vascular Sonography Medical Assisting and Emergency Medicine (Paramedic).* The following courses will be used to determine eligibility in the competitive process and must be completed in order to enter into the Nuclear Medicine Program: BIO 168 and 169, PSY-150, and a Humanities or Fine Arts elective.

Certificate: Not Applicable

Length of Program:

Prerequisite:

Cooperative Education Requirements/Opportunities: For cooperative education requirements/opportunities please see the appropriate Program Edplan and/or Sequencing sheet.

License or Certification Information: Graduates are eligible to take the Nuclear Medicine Technology Certification Exam.

Program Information Contact:

Curriculum Chairperson: Tony Harris

Telephone Number: (919) 209-2185

(910) 678-8264

Office Location: Health Technology Center, Room 169

Email: ajharris@johnstoncc.edu

Department Office: Health Technology Center, Room 169

Telephone: (910) 678-8264

FTCC Web Site: www.faytechcc.edu

Application Deadlines: The program is designed for a student to enter during the fall semester. Students should apply by January 30th. Specific health program admission requirements must be met before a student is eligible for admission.

Scholarship/Financial Aid Information: Scholarships are available.

Financial Aid Office, Student Center, Room 126; Telephone: (910) 678-8242

Child Care Financial Assistance Information:

See Child Care Associate, Student Center, Room 142; Telephone: (910) 678-8486

ATTENTION: If you have missed two (2) consecutive semesters, you must see a counselor to be readmitted into your program.

Revised: 03/23/09