COURSE DESCRIPTION

In NMTT 2266 the student will spend approximately 160 clock hours observing and training in the Nuclear Medicine workplace so that clinical competency is established.

STATEMENT OF PURPOSE

This course is a required basic course for the Nuclear Medicine Technology major. The course is designed to provide the student and, eventually the graduate, with a practical experience in the clinical setting working with patients and nuclear medicine equipment.

COURSE PRE-REQUISITE

NMTT-1267

REQUIRED COURSE TEXTBOOKS

Nuclear Medicine Student/Clinical Handbook
All clinical rules/regulations are included in these handbooks. Please refer to them as needed.

COURSE CREDIT

2 semester hours. This course will meet on Tuesday and Thursday, most normally from 7:00am to 3:30pm in the assigned Nuclear Medicine Department, or hours may vary according to affiliate hours of operation. It is **mandatory** for all students to take a 30-minute meal break each rotation day.

COURSE GOALS AND COMPETENCIES

During this practical course the student will complete each of the following competencies:

1. Maintain and operate Nuclear Medicine Equipment.
3. Schedule patient studies, ensuring appropriate sequence of multiple procedures.
4. Provide proper and appropriate nursing care during nuclear medicine procedures.
5. Communicate effectively with patient, patient’s family and staff.
6. Provide safe and sanitary conditions.
7. Recognize and respond to emergency conditions.
8. Obtain pertinent patient history (when appropriate) and check procedural contraindications.
10. Select and administer the appropriate radiopharmaceutical by the proper route.
11. Prepare proper equipment, computer, and auxiliary equipment and acquire images as indicated by protocol.
12. Process and evaluate computer-generated data.
13. Prepare and perform cardiac monitoring and/or stress testing.
14. Prepare/Administer interventional pharmacologic agents.
15. Obtain samples for non-imaging studies.
16. Calculate and evaluate results on non-imaging studies.

REQUIRED DOCUMENTATION:

The course will consist of the following activities to be scored for course credit:

1. A minimum of three clinical procedures/competency forms.
2. A minimum of two clinical performance review/evaluation forms (tech. eval)
3. One faculty evaluation
4. Completion of all required clinical hours.

FINAL GRADE EVALUATION

The following grade scale applies throughout this course:

A=94.5-100  C=74.5-84.4
B=84.5-94.4  F=less than 74.5

The final course grade for NMTT 1267 will be computed as follows:

1. The average of the procedure evaluations will constitute 40% of the final grade.
2. The average of the supervisor/coordinator evaluations will constitute 40% of the final grade.
3. The average of the faculty evaluations will constitute 20% of the final grade.
4. Competencies, Student Evaluations, Time Sheets, and all other clinical paperwork for each rotation are due no later than the next week following the last day of that rotation or 5 points will be deducted from the clinical course grade.
5. Dosimetry badges, both body and ring, must be changed by the next class period following notification of the arrival of the new badges or 5 points will be deducted from the clinical grade for each failure to change badges as required.

ATTENDANCE POLICY

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend all clinical requirement. (See Attendance in your Clinical Handbook for all information regarding make-up time procedures and point reduction from your clinical grade for excess absences/tardiness)

STUDENTS WITH DISABILITIES

"Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact ACcessibility Services (SSC 125, Phone: 371-5436) as soon as possible."

GRIEVANCE PROCEDURE

A student who has a problem with the course or the course instructor should make every attempt to resolve the problem with the clinical supervisor of the affiliate site. If that is not successful, the student may appeal the decision of the instructor to the
program director, the chairman of the allied health division, the dean of instruction and the president - IN THAT ORDER.

**STUDENTS RIGHTS AND RESPONSIBILITIES**
Please refer to the *Students Rights and Responsibilities* publication of Amarillo College.