



Planning and Evaluation Tracking

College Year: **2009-2010**

Division of: **Allied Health**
 Department of: **Nuclear Medicine Technology**

Person Responsible: **Bill Crawford, Chair**

Person Responsible: **Mark Rowh, PD**

Purpose Statement: The Amarillo College Nuclear Medicine Technology Program is committed to provide medical affiliates with entry-level nuclear medicine professionals through a comprehensive program that enables proof of competency via didactic and clinical curriculum, which complies with all requirements of the essentials and guidelines of the Joint Review Committee on Educational Programs in Nuclear Medicine Technology accrediting organization and the Texas Higher Education Coordinating Board, therefore, enhancing the quality of patient care.

Goal Statements	Objectives/Outcomes (including assessment tools and standards)	Results	Use of Results (including improvements and revisions)
1. Guide students to pass a nationally recognized professional certification or registry through the NMTCB or the ARRT.	1. Tool: Results of completed exams are sent to Program Director to assess pass rates each year. Note: This data is 100% complete for the graduating class of 2008 by January 2009. This data is located in record in the NM program director's office and has been provided to the Institutional Effectiveness Office at Amarillo college. Standard: 85% of students will pass national registry exams with a score of 75% or better within 1 year after graduation.	1. 100% of graduates passed the test within one year of graduation. Scores ranged from 75-85 with an average score of 78.88. Total # of Graduates-16 Total # of Examinees-16 Pass Reference Scores Highest Distinction-85+ 1 grad passed in this range Pass w/Distinction-82-84 4 grads passed in this range. Pass-75-81 11 grads passed in this range.	1. Analysis-Standard was exceeded by 15% with 100% pass rate. Comparing the graduate data from 2007 to 2008, both years show 100% pass rates. Comparing the average scores from the graduate data from 2007 to 2008, the score range was decreased from 75-88 in 2007 to 75-85 in 2008, or a decrease of 3 points. Average total class score decreased from 80.50 to 78.88, or a decrease of 3%. Revised Plan of Action- Program Director has instilled a mandatory

2. Guide students to meet or exceed the national Mean Scaled Score for all examinees from all Nuclear Medicine Technology Programs in the United States.

2. Tool: Results of completed exams are sent to Program Director from testing agency to assess pass rates every year.
NOTE: this data is 100% complete for the graduating class of 2008 by January 2009.

2. Average score for Amarillo College NM graduates was 78.88. The median score for ALL NMTCB Examinees was 80.

2. Analysis-Standard was not met by 1.12%.
Revised Plan of Action-As noted above, a mandatory student retreat has been incorporated into the capstone course syllabus to enhance the didactic/clinical knowledge skills within the affective, cognitive, and psychomotor domains of learning. The retreat will consist of a mock review/registry 2 weeks before the Comprehensive Exit Exam. Relevant data will follow on the next PET Form.

student retreat within the capstone course syllabus, which will serve to strengthen didactic/clinical knowledge skills in the affective, cognitive and psychomotor domains of learning. The retreat will consist of a mock review/registry and will be delivered at the end of the capstone experience, 2 weeks prior to taking the Comprehensive Exit Exam and national boards. Data will be reported on the next PET form.

3. Guide students to pass national certification/registry exams on the first attempt.

3.Tool: Results of completed exams are sent to the Program Director by testing agencies every year.
NOTE: This data is 100% complete for the graduating class of 2008 by January 2009.
Standard: 85% of graduates will pass the exam on the first attempt.

3.Out of 16 graduates, 100% passed exam on the 1st attempt.

3.Analysis- Standard exceeded by 15%. Comparing data from the previous year of 2007, both years report 100% pass rates on the first attempt. This data aligns well with the Texas Co-Board Licensure Report. Revised Plan- The first-time pass rates for the last 2 years are well within the standard of 85%, Measurements of student success are on-going through a major change in the capston experience syllabus. A mandatory student retreat will focus on strengthening the affective, cognitive, and psychomotor domains of student learning to enhance knowledge recall and better prepare them for the national boards and lifelong learning.

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