



Planning and Evaluation Tracking

College Year: 2010-2011

Division of: Health Sciences

Person Responsible: Mark E. Rowh

Department of: Nuclear Medicine Technology

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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 Statement #1: Guide students to pass a nationally recognized professional certification or registry through the NMTCB or the ARRT. (Analysis based upon graduates from summer 2009).

Objectives/Outcomes (including assessment tools and standards): 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 2009 by January 2010.

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.

Results: 94% of graduates passed the test within one year of graduation. Scores ranged from 75-89 with an average score of 80.00.

Total # of Graduates-16

Total # of Examinees-16

Pass Reference Scores

Highest Distinction-85+

2 grads passed in this range

Pass w/Distinction-82-84

4 grads passed in this range.

Pass-75-81

9 grads passed in this range.

Fail-below 75

1 grad failed the exam

Use of Results (including improvements and revisions):

Analysis: 85% standard was exceeded by 9% with 94% pass rate.

Comparing the graduate data from 2008 to 2009, pass rates were 100% & 94%, respectively, or a drop in 6%, although the 85% standard was met.

Comparing the average scores from the graduate data from 2008 to 2009, the score ranges in 2008 were 75-85, and the score ranges in 2009 were 72-89. The lowest score dropped 3 points, due to failure, and the highest exam score increased by 4 points.

Average total class score increased from 78.88 in 2008 to 80.00 in 2009, which constitutes an increase of 3%.

Plan of Action-

The PD made revisions to the Nuclear Medicine Technology Seminar class, NMTT-2235, in Spring 2010, which is a capstone course focusing on the synthesis of professional knowledge, skills, and attitudes in preparation for professional employment and lifelong learning.

The syllabus contains grading criterion that prompts students to take ownership in the review process so that every mock exam taken during the course must be passed with a minimum grade of 85 instead of 75.

The results of the revisions will be monitored and stated in the PET form for academic year 2010-2011.

Goal Statement #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.

Objectives/Outcomes (including assessment tools and standards): 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 2009 by January 2010.

Results: Average score for Amarillo College NM graduates was 80.00. The median score for ALL NMTCB Examinees nation-wide was 79.61.

Use of Results (including improvements and revisions):

Analysis: Standard was exceeded by 1%.

Plan of Action- The program has noted the slight difference in exceeding the national average score by 1%. In order to make significant differences in average score trends, the PD notes changes within the capstone course, as stated in Goal #1, so that students must pass mock exams with a grade of 85 instead of 75 in preparation for national boards.

The results will be monitored and reported within the PET form for 2010-2011 academic year.

Goal Statement #3: Guide students to pass national certification/registry exams on the first attempt.

Objectives/Outcomes (including assessment tools and standards): 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 2009 by January 2010.

Standard: 85% of graduates will pass the exam on the first attempt.

Results: Out of 16 graduates, 15 (94%) passed exam on the 1st attempt.

Use of Results (including improvements and revisions):

Analysis: Standard exceeded by 9%. Comparing data from the previous year of 2008 with 2009, the results were 100% and 94%, respectively. This data aligns well with the Texas Co-Board Licensure Report.

Plan of Action-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 capstone experience syllabus in Spring 2010, as noted above. Results will be monitored and reported in the PET form for academic year 2010-2011.

Submitted: M. Rowh, 05/12/10