



College Year: 2008-2009

Division of: Allied Health

Person Responsible: Bill Crawford, Chair

Department of: Nuclear Medicine Technology

Person Responsible: Mark Rowh

**Purpose Statement:** The Amarillo College Nuclear Medicine Technology Program is committed to providing medical employers 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 every year. <b>NOTE: This data is 100% complete for the graduating class of 2007 by January '08.</b> Standard: 85% of students will pass national registry exams with a score of 75% or better within 1 yr. after graduation.	1. 100% of graduates passed the test within one year of graduation. Scores ranged from 75-88 with an average score of 81%. Total # of Graduates-15 Total # of Examinees-16 (includes one grad from 2006 who just took exam) <u>Pass Reference Scores</u> Highest Distinction= 85+ 2 grads passed in this range Pass w/Distinction=82-84 4 grads passed in this range. Pass = 75-81 10 grads passed in this range. Failure = Below 75 0 grads in the range	1. <u>Analysis</u> -Standard exceeded by 15% with 100% pass rate. Comparing year-2006-2007, with 88%, to 2007-2008, with 100% pass rate, there is increase of 12%. Score range was increased from 75-83 in 2006-2007 to 75-88 for 2007-2008, which is an increase of 6% over last year. Average score increased from 79 in 2006-2007 to 81 in 2007-2008, or an increase of 2.5% <u>Plan</u> -Continue to monitor and adjust content of Capstone Course according to the NMTCB Task Analysis. Adjustments will

2 Guide students to meet or exceed the national Mean Scaled Score for all examinees from all NM 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 Class of 2007 by January '08.**  
Standard: 85% of students will score at or above the Mean Scaled Score for the nation.

2. Average Score for Amarillo College Examinees was 80.50. The median score for all NMTCB Examinees was 79.

be made based on subject groups within the national exams regarding radiation safety, instrumentation, clinical procedures or methodologies and radiopharmacy.

— Students will attend a mock review and mock registry 3 months prior to graduation in preparation for the Comprehensive Exit Exam and the National Boards and scores analyzed with capstone course content.

2. **Analysis**-Standard exceeded by 1.5%.  
**Plan**-Continue to adjust capstone course so that this standard is maintained or exceeded in 2008.  
Adjustments will be made based on subject groups within the national exams regarding radiation safety, instrumentation, clinical procedures or methodologies and radiopharmacy.  
Students will attend a mock review and mock registry 3 months prior to graduation in preparation for the Comprehensive Exit Exam and the National Boards and scores will be analyzed with the capstone course content.

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

3. Tool: Results of completed exams are sent to the Director by testing agencies every year.

**NOTE: This data is 100% complete for the Class of 2007 by January '08.**

Standard: 85% of graduates will pass the first time.

3. Out of 15 graduates, 100% passed exam on 1<sup>st</sup> attempt

3. **Analysis**-Standard exceeded by 15%. Comparing 2006-2007 first-time pass-rate data, which was 93% to 2007-2008 date, which was 100%, this is an overall increase of 7%.

**Plan**-Continue to align curriculum content with task analysis to support program improvements. Adjustments will be made based on subject groups within the national exams regarding radiation safety, instrumentation, clinical procedures or methodologies and radiopharmacy. Students will attend a mock review and mock registry 3 months prior to graduation in preparation for the Comprehensive Exit Exam and the National Boards and scores will be analyzed with the capstone course content.

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