

PET FORM
Planning and Evaluation Tracking
(2011-2012 Assessment Period)

Division of: Health Science

Person Responsible for this Division: Bill Crawford

Department of: Radiology

Person Responsible for this Form: Becky Burton

Purpose Statement (With Last Updated Date): **Provide a comprehensive educational environment that will prepare the radiography graduate to effectively engage in the daily challenges and responsibilities required of a competent and professional entry-level radiographer.” (2008)**

Goal Statement #1: Goal Statement #1: (new goal as of 2011-12. Data will begin in 2012-13)
Align AC learning outcomes with THEBC outcomes which emphasize 21st century skills (AC Strategic Plan through 2015: Strategy 1.4).

Outcome/Objective Statement :

Students will demonstrate the skills and knowledge sets as stated in the WECM learning outcomes for each RADR course. Learning outcomes will be measured at the end of each course with a written exam or practical competency. Data will be assessed and tracked through WIDS. 100% of students will complete the learning outcomes with a score of no less than 75% (Strategic Plan through 2015: Task 1.4.1.3).

• Results (Provide Numbers and Percentages for Quantitative Data)

N/A – New Goal/Outcome

- **2009-2010 Data:** Numbers = ____ out of ____ and Percentage =s ____%
- **2010-2011 Data:** Numbers = ____ out of ____ and Percentage =s ____%

• Analysis

- Provide Previous Data/Result Analysis
(Include if benchmark was met and how results relate to outcome statement):

• Improvements

- List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:
- Evaluate Why Improvements Were Successful/Were Not Successful:
- Provide the Budget Information Needed to Make Past Improvements (Cost/Details):

• Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?):
 - Action Plan:
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
 - Budget Information Needed for Future Action (Cost/Details):
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Goal Statement #2: Monitor Program Effectiveness

Outcome/Objective Statement

1) Students will complete the radiography program within 24 months. No less than 75% of students will complete with a grade of C or better in all required courses (No excuses/ATD goal---earn a certificate, degree or transfer).

2) Students will take the ARRT certification exam after satisfactory completion of all the program requirements. No less than 75% of the students will successfully pass the ARRT exam on the first attempt.

- Results (Provide Numbers and Percentages for Quantitative Data)

1

2009 – 2010 Data: Numbers = 25 out of 29 and Percentage = 86.2%

2010-2011 Data: Numbers = 27 out of 30 and Percentage =90 %

2

2009-2010 Data: Numbers = 25 out of 25 and Percentage = 100%

2010-2011 Data: Numbers = 23 out of 24 and Percentage =95%

- Analysis

1

90% of the original 30 students did complete the program within 24 months of being accepted into the program. One left early in the program to pursue other career options. Two did not pass the final exit exam.

2.

95% who registered to take the exam passed on the first attempt. However, three graduates have yet to register to take the national exam.

- Improvements

- Three RADR courses were re-evaluated to determine if course competencies were being met. In Radiation Biology and Protection more quizzes were given in the class and material was refined to better match the course competencies. In Radiographic Positioning I and II in class projects and active learning assignments were added.

This action is proving successful as student success did improve.

This action required no adjust to the budget

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?): Program faculty
 - Action Plan:
 - 1) Program faculty will access three other RADR courses this year to assess course competencies.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
One year
 - Budget Information Needed for Future Action (Cost/Details): None
-

Goal Statement #3: Graduates will be clinically competent

Outcome/Objective Statement

1- Students will provide appropriate radiation safety measures for patients, personnel and self.

- a. Students will score no less than an 8 on a 10 point scale on question 10 on the clinical evaluation forms. This will be assessed at the end of each course in practicum III and practicum VI using all evaluations the student received during those courses

2- Students will produce diagnostic images in the laboratory and clinical setting.

- a. All students will complete four lab practicals by the end of the fifth practicum.
- b. All students will complete all requirements of the competency profile by the end of the sixth practicum.

• Results (Provide Numbers and Percentages for Quantitative Data)

1a.

- **2009-2010 Data:** Numbers = 28 out of 30 and Percentage = 93%
- **2010-2011 Data:** Numbers = 29 out of 30 and Percentage = 96.6%

2a.

- **2009-2010 Data:** Numbers = 29 out of 30 and Percentage = 96.6%
- **2010-2011 Data:** Numbers = 28 out of 30 and Percentage = 93%

2b.

- **2009-2010 Data:** Numbers = 29 out of 29 and Percentage = 100%
- **2010-2011 Data:** Numbers = 29 out of 29 and Percentage = 100%

• Analysis

- 1) From 2010 to 2011, students improved on radiation safety by three percentage points.
- 2a) Completion of lab practicals went down in 2011 by three percentage points.
- 2b) Overall competency completion still remains at 100%

• Improvements

- List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:
 1. Changes were made in the radiation biology and protection class that included more in class discussion and quizzes. Quizzes were designed to use higher level thinking and analysis.
 - 2a. One faculty made appointments at the beginning of the semester for all students to complete one practical.
 - 2b. no changes were made
- Changes in the RADR protection class seem to have positive results. Changes in lab practicals will be implemented in 2012.
- Provide the Budget Information Needed to Make Past Improvements (Cost/Details): None

• Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?):
Program faculty
- Action Plan:
- Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
- Budget Information Needed for Future Action (Cost/Details):

Goal Statement #4: Graduates will display critical thinking/problem solving skills

Outcome/Objective Statement

1. Students will be able to evaluate radiographic images for acceptability. Students will demonstrate this skill by the completion of portfolio critiques.
 - a. All students will complete two portfolios in practicum III with a score of no less than 85%.
 - b. All students will complete two portfolios in practicum V with a score of no less than 90%.
 2. Students will demonstrate adaptive behavior for critical or stressful scenarios. Students will score no less than an 8 on a 10 point scale on question 8 on the clinical evaluation forms. This will be assessed at the end of practicum VI using all evaluations the student received during that course.
- Results (Provide Numbers and Percentages for Quantitative Data)
 - 1a.
 - **2009-2010 Data:** Numbers = 24 out of 29 and Percentage = 82.7%
 - **2010-2011 Data:** Numbers = 26 out of 28 and Percentage = 92.8%
 - 1b.
 - **2009-2010 Data:** Numbers = 27 out of 29 and Percentage = 93%
 - **2010-2011 Data:** Numbers = 28 out of 28 and Percentage = 100%
 2.
 - **2009-2010 Data:** Numbers = 29 out of 29 and Percentage = 100%
 - **2010-2011 Data:** Numbers = 28 out of 28 and Percentage = 100%
 - Analysis
 - Provide Previous Data/Result Analysis
(Include if benchmark was met and how results relate to outcome statement):
 - Improvements
 - List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:
 - Evaluate Why Improvements Were Successful/Were Not Successful:
 - Provide the Budget Information Needed to Make Past Improvements (Cost/Details):
 - Recommendations/Actions for **2011-2012**
 - Person Responsible (Who will complete the action?):
 - Action Plan:
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
 - Budget Information Needed for Future Action (Cost/Details):