



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

Division of: Health Sciences

Person Responsible for this Division: Bill Crawford

Department of: Respiratory Care

Person Responsible for this Form: Valerie Hansen

Purpose Statement: To prepare students as competent entry-level respiratory therapists through a comprehensive didactic, laboratory and clinical curriculum following the accreditation requirements of the Committee on Accreditation for Respiratory Care (CoARC). (updated 4/11)

In addition, the Health Science Division Mission Statement is as follows: In keeping with the mission of Amarillo college, the Health Sciences Division mission is to provide a comprehensive educational environment that will prepare the graduate to effectively engage in the daily challenges and responsibilities required of a competent entry-level Health Science Professional. (updated 8/11)

The Division Philosophy states: Health Science education at amarillo College adheres to the philosophy that a health science career is chosen and prepared for with a dedication of the student to the dignity and mental and physical well-being of the patient. (updated 8/11)

Goal Statement #1:

Align AC learning outcomes with THECB outcomes which emphasize 21st century skills (AC Strategic Plan through 2015: Strategy 1.4).

Outcome/Objective Statement #1 (This is a new outcome/objective for 2011-2012.)

80% of students will demonstrate the ability to comprehend, apply and evaluate information relevant to their role as a registry-level respiratory therapist by passing all laboratory procedural simulations on the first attempt in RSPT 1410 and RSPT 1411 with a score of at least 70% to meet WECM End-of-Course Outcomes (AC Strategic Plan through 2015: Task 1.4.1.3).

- Results (Provide Numbers and Percentages for Quantitative Data)
 - **2009-2010 Data:** No data available
 - **2010-2011 Data:** No data available
- Analysis
 - Results and analysis will be gathered for 2011-2012.
- Improvements
- Recommendations/Actions for 2011-2012
 - Person Responsible (Who will complete the action?):
Program faculty
 - Action Plan:
Monitor and analyze student progress in the simulation laboratory.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
 - Budget Information Needed for Future Action (Cost/Details):
None

Outcome/Objective Statement #2

(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):

80% of students will demonstrate the ability to comprehend, apply and evaluate information relevant to their role as a registry-level respiratory therapist by passing a program exit exam on the first attempt in RSPT 2230 with a score of at least 55% to meet WECM End-of-Course Outcomes. The cut score is established by the Commission on Accreditation for Respiratory Care (CoARC) (AC Strategic Plan through 2015: Task 1.4.1.3).

- Results (Provide Numbers and Percentages for Quantitative Data)
 - **2009-2010 Data:** Numbers = 12 out of 12 and Percentage= 100%
 - **2010-2011 Data:** Numbers = 6 out of 10 and Percentage= 60%
 - Analysis
 - The sophomores in 2010-2011 performed below the expected benchmark for first-time pass rate. The four students who did not successfully complete on the first exam attempt, passed the second attempt and subsequently graduated.
 - Improvements
 - Based on previous results/analysis, a new remediation policy was instituted in Fall 2011, as well as scheduled help sessions for freshmen and sophomores. In addition, two part-time faculties were hired in Fall 2011 to help in the laboratories and in the clinical portions of the program.
 - Recommendations/Actions for 2011-2012
 - Person Responsible (Who will complete the action?):
Program faculty
 - Action Plan:
Continue to monitor student progress. Re-analyze results in 2012.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
 - Budget Information Needed for Future Action (Cost/Details):
None
-

Goal Statement #2:

Monitor Program Effectiveness

Outcome/Objective Statement #1 (This is a new outcome/objective for 2011-2012.)

70% of each student cohort will complete the respiratory care program with a grade of C or better in all required courses. (No Excuses/ATD goal: earn a certificate, degree or transfer)

- Results (Provide Numbers and Percentages for Quantitative Data)

- **2009-2010 Data:**

# BEGINNING PROGRAM (2008)	DROPPED/ ACADEMIC	DROPPED/ FINANCIAL	DROPPED/ OTHER	GRADUATED/ 2010	GRADUATED/ 2011
21	4	0	6	9	2

11/21 = 52% of 2008 cohort graduated with AAS Degree

- **2010-2011 Data:**

# BEGINNING PROGRAM (2009)	DROPPED/ ACADEMIC	DROPPED/ FINANCIAL	DROPPED/ OTHER	GRADUATED/ 2011	WILL GRADUATE/ 2012
16	1	0	5	8	2

10/16 = 63% of 2010 cohort graduated with AAS Degree

- Analysis

- Even though this is a new outcome/objective, the benchmark for the 2009-2010 and 2010-2011 was not acceptable. Individual analysis of the causes for student attrition are primarily non-academic, i.e. spousal job transfers, change of majors, pregnancies, etc. None of the factors could have been predicted by the program's current admission process as all accepted students had, at least, the minimum acceptance requirements.

- Improvements

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?):
Program faculty
- Action Plan:
Program faculty intends to be more proactive in recommending at-risk students to Advising for tutoring help. Will begin new remediation policy as well as schedule faculty help sessions for freshmen and sophomores.
- Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
- Budget Information Needed for Future Action (Cost/Details):
None

Outcome/Objective Statement #2

80% of students will successfully pass the National Certification exam after completion of all program requirements. (CoARC threshold)

- Results (Provide Numbers and Percentages for Quantitative Data)

- **2009-2010 Data:** 10 out of 11 (91%)
- **2010-2011 Data:** 9 out of 10 (90%)

- Analysis

- Provide Previous Data/Result Analysis
The benchmark for the 2009-2010 and 2010-2011 was met.

- Improvements

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?):
Program faculty

- Action Plan:
Continue to monitor student progress.
- Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
- Budget Information Needed for Future Action (Cost/Details):
None

Outcome/Objective Statement #3

100% of graduates will have at least a 3 (Likert scale of 1-5) on employer surveys administered after graduation to measure satisfaction with clinical skills.

- Results (Provide Numbers and Percentages for Quantitative Data)
 - **2009-2010 Data:** 11 out of 11 (100%)
 - **2010-2011 Data:** 9 out of 9 (100%)
One of the ten 2011 graduating students is not employed.
 - Analysis
 - The benchmark for the 2009-2010 and 2010-2011 was met.
 - Improvements
 - Recommendations/Actions for 2011-2012
 - Person Responsible (Who will complete the action?):
Program faculty
 - Action Plan:
Continue to monitor clinical skills and employer survey results.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
 - Budget Information Needed for Future Action (Cost/Details):
None
-

Goal Statement #3:

Upon completion of the program, graduates will demonstrate personal behaviors consistent with professional and employer expectations as a registry-level respiratory therapist.

Outcome/Objective Statement #1

(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):

100% of students will have at least a 3 (Likert scale of 1-5) on summative evaluations of professional behavior performed by program faculty.

- Results (Provide Numbers and Percentages for Quantitative Data)
 - **2009-2010 Data:** 11 out of 11 (100%)
 - **2010-2011 Data:** 10 out of 10 (100%)
- Analysis
 - The benchmark for the 2009-2010 and 2010-2011 was met.

- Improvements
- Recommendations/Actions for 2011-2012
 - Person Responsible (Who will complete the action?):
Program faculty
 - Action Plan:
Continue to monitor student progress of professional behavior skills.
Review evaluation tool to assure it measures areas as intended.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
 - Budget Information Needed for Future Action (Cost/Details):
None

Outcome/Objective Statement #2

(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):

100% of students will have at least a 3 (Likert scale of 1-5) on employer surveys administered after graduation to measure satisfaction with graduates' professional behavior.

- Results (Provide Numbers and Percentages for Quantitative Data)
 - **2009-2010 Data:** 11 out of 11 (100%)
 - **2010-2011 Data:** 9 out of 9 (100%)
One of the ten 2011 graduating students is not employed.
 - Analysis
 - Provide Previous Data/Result Analysis
(Include if benchmark was met and how results relate to outcome statement):
The benchmark for the 2009-2010 and 2010-2011 was met.
 - Improvements
 - Recommendations/Actions for 2011-2012
 - Person Responsible (Who will complete the action?):
Program faculty
 - Action Plan:
Continue to monitor professional behavior skills and employer survey results.
Review evaluation tool to assure it measures graduate performance as intended.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
On-going
 - Budget Information Needed for Future Action (Cost/Details):
None
-