

PET FORM
Planning and Evaluation Tracking
(2012-2013 Assessment Period)

Division of: Health Science

Person Responsible for this Division: Mark Rowh

Department of: Pharmacy Technology

Person Responsible for this Form: Shawna Lopez

Purpose Statement: **The Amarillo College Pharmacy Technology program is committed to providing much-needed local, regional, and other Texas medical employers with qualified entry-level Pharmacy professionals through a comprehensive didactic, laboratory, and clinical curriculum that complies with all the requirements of the Texas Higher Education Coordinating Board. Revised 09/29/08**

Goal Statement #1: Goal Statement #1: (new goal as of 2011-12. Data will begin in 2012-13)

Strategic Plan 1.4 Align AC learning outcomes with THEBC outcomes which emphasize 21st century skills

Outcome/Objective Statement :

Students will demonstrate the skills and knowledge sets as stated in the WECM learning outcomes for each Pharmacy course. Learning outcomes will be measured at the end of each course with a written comprehensive 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 70%. (Strategic Plan 1.4.1.3)

• Results (Provide Numbers and Percentages for Quantitative Data)

o **2010-2011 Data:**

Not Applicable - New goal

o **2011-2012 Data:** Numbers = 13 out of 17 and Percentage = 76.5%

• Analysis

o The following course showed to be the course with the highest incident of failure: Pharmacotherapy and Disease Process with 4 students failing, following was the Pharmacy Law with 3 students (same students failed the Pharmacology course). Students are not allowed to continue into the Spring semester if a course is failed in the Fall semester. Both courses are online courses.

• Improvements

- o For the Pharmacotherapy course, a chapter summary is assigned and due prior to each quiz. Also, chapter terms are due for each chapter.
- o For the Law course, a detailed calendar for due dates was provided and each drop box is clearly marked with a due date. Also, an outline for each topic is due prior to exams.
- o No adjust to the budget required

• Recommendations/Actions for 2012-2013

- o Person Responsible: Shawna Lopez
 - o Action Plan: Courses will be evaluated to ensure course competencies and ASHP student objectives are being met.
 - o Expected Time Frame Needed to Implement Action Plan: One year
 - o Budget Information Needed for Future Action: no budget adjustment necessary.
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Goal Statement # 2: Monitor Program Effectiveness

Outcome/Objective Statement

1) Students will complete the pharmacy technology 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 Goal 5/ATD goal---earn a certificate, degree or transfer)

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

- Results (Provide Numbers and Percentages for Quantitative Data)

1

2009 – 2010 Data: Numbers = 20 out of 12 and Percentage = 57%

2010-2011 Data: Numbers = 25 out of 22 and Percentage = 88%

2011-2012 Data: Numbers = 13 out of 17 and Percentage = 76.5%

2

2009-2010 Data: Numbers = no data

2010-2011 Data: Numbers = 7 out of 10 and Percentage =70%

2011-2012 Data: Numbers = 18 out of 23 and Percentage =78.3%

- Analysis

1

57% of the original students in 2009-10 did complete the program within 24 months of being accepted into the program. 3 students did not pass the Introduction course, 2 students did not pass the Math course, and 3 students pursued different career choices

88% of the original students in 2010-11 did complete the program within 24 months of being accepted into the program. 1 student did not pass the Math course and Introduction course and the other 2 students did not pass the Sterile products course.

76.5% of the original students in the 2011-12 did complete the program within 24 months of being accepted into the program. 1 student failed the Math course, 3 failed the Law course, 4 failed the Pharmacotherapy course, and 2 failed the Introduction course. All that passed the first semester and moved on completed each course in the Spring semester and received their certificate of completion.

2

No data available from PTCB 2009-2010. Amarillo College was not listed as a school choice.

70% passing rate for the PTCB 2010-2011. The program is below by 5% for the passing rate goal.

For the 2011 testing year, Amarillo College has meet the goal of 75% or better in passing the certification exam.

- Improvements

- 1**

- o Three courses were re-evaluated to ensure the course competencies and the ASHP objectives were being met. In the Pharmacy Intro course, more lab and case studies were added to reiterate the course objectives. In Pharmacy Math, more assignments and practice problems given that mimic pharmacy practice and not just numbers. In the Certification Review, two more practice certification exams added and the course content was updated to address difficult competencies.
 - o Continued evaluation with added assignments such as chapter summaries and topic outlines implemented along with clearer due dates for assignments.
This action is proving successful as student success did improve.
This action required no adjusts to the budget

- 2**

- o The certification review course will be further re-evaluated for PTCB content and practice exams.
 - o Adjustments were made to the course by adding an extra review practice exam and more math review problems as requested by the students.
 - o The above action is proving successful as student success did improve by 8%

- Recommendations/Actions for 2012-2013

- o Person Responsible: Program faculty
 - o Action Plan:
 - 1) Program faculty will access three other PHRA courses this year to assess course competencies.
 - 2) Program faculty will continue to improve and update the certification review course.
 - o Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):
One year
 - o Budget Information Needed for Future Action (Cost/Details): none

Goal Statement #3: Graduates will be clinically competent

Students will demonstrate entry-level skills at the conclusion of the pharmacy practicum

Outcome/Objective Statement

Students will score no less than a 75% on the clinical evaluation forms. This will assessed by the clinical preceptor at the end of practicum using the evaluation criteria. This criterion is based on competencies which are considered entry-level and goals and objectives given by ASHP.

- Results (Provide Numbers and Percentages for Quantitative Data)

- o **2009-2010 Data:** Numbers = 12 out of 12 and Percentage = 100%
 - o **2010-2011 Data:** Numbers = 19 out of 22 and Percentage = 86%
 - o **2011-2012 Data:** Numbers= 11 out of 11 and Percentage = 100%

- Analysis

- o 1) From 2010 to 2011, students did not meet the passing criteria. 1 student no called no showed twice which is automatic fail and the other 2 students did not meet competencies.

- Improvements
 1. No changes were made, however the attendance policy continues to be very strict.
 2. The competency profile used to evaluate students continues to be updated.

- Recommendations/Actions for **2012-2013**
 - o Person Responsible: Program faculty
 - o Action Plan:
 1. Competency profile will continue to be updated.
 2. Attendance policy will continue to be strict.
 - o Expected Time Frame Needed to Implement Action Plan : one year
 - o Budget Information Needed for Future Action: no change in budget