

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

Division of: Health Sciences

Person Responsible for this Division: Bill Crawford

Department of: Dental Hygiene

Person Responsible for this Form: Donna Cleere

Purpose Statement (With Last Updated Date): The Dental Hygiene Program is committed to providing local, regional, and Texas statewide employers with much needed and qualified entry-level dental hygienists through a comprehensive didactic, laboratory and clinical curriculum that complies with all Commission on Dental Accreditation Standards for dental hygiene education programs and in doing so, enhance the quality of life for all of Texas. (Revised June, 2011)

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

Align AC learning outcomes with THECB 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 the DHYG 1311 course. Learning outcomes will be measured at the end of the course with a written exam or case study 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)

Not Applicable

• Analysis

Not Applicable

• Improvements

Not Applicable

• Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?): Donna Cleere, Course Director
 - Action Plan: Develop tool to measure (written exam or case study) learning outcomes as stated in the WECM learning outcomes for the DHYG 1311 course.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date): Data will begin in 2012-13
 - Budget Information Needed for Future Action (Cost/Details): Not applicable
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Goal Statement #2: Monitor Program Effectiveness

Outcome/Objective Statement

1) Students will complete the dental hygiene 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) Upon completion of the program, students will demonstrate the ability to comprehend, apply and evaluate information relevant to their role as an entry-level registered dental hygienist by successfully completing the Dental Hygiene National Board Exam (Cognitive Domain). No less than 75% of the students will successfully complete the Dental Hygiene National Board Exam on the first attempt.

- Results (Provide Numbers and Percentages for Quantitative Data)

- 1) Completion with "C" or Better Results

- **2009-2010 Data:** Numbers = 26 out of 27 and Percentage = 96.2 %
 - **2010-2011 Data:** Numbers = 26 out of 27 and Percentage = 96.2 %

- 2) National Board Exam First Attempt Pass Rate Results

- **2009-2010 Data:** Numbers = 26 out of 27 and Percentage = 96.2 %
 - **2010-2011 Data:** Numbers = 27 out of 27 and Percentage = 100 %

- Analysis

- Results from May 2010 Graduates: 96% of the original 27 students did complete the program within 24 months of being accepted into the program. One student dropped the program due to a family illness. 96.2 % of the students passed the Dental Hygiene National Board Exam on the 1st attempt. One student did not pass the Dental Hygiene National Board Exam.
 - Results from May 2011 Graduates: 96% of the original 27 students did complete the program within 24 months of being accepted into the program. One student failed courses in the first semester of the program. 100% of the students passed the Dental Hygiene National Board Exam on the 1st attempt.

- Improvements

- Internet Assignments were incorporated in the dental hygiene courses.
 - Improvements were successful. In 2010, the Dental Hygiene National Board Exam was converted to a computerized format. In May 2010, the pass rate for graduates was 96.2%. In May 2011, the pass rate for graduates was 100%.
 - This action required no adjustment to the budget.

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?): Donna Cleere and all faculty
 - Action Plan: Dental Hygiene National Board Exam score results will be reviewed yearly as part of an ongoing curriculum management plan.
 - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date): Curriculum is reviewed in June/July of each year as part of an ongoing curriculum management plan.
 - Budget Information Needed for Future Action (Cost/Details): Faculty need funding to support travel to keep current on educational methodology specific to dental hygiene and to keep current with changes in accreditation standards.

Goal Statement #3: Monitor Program Effectiveness

Outcome/Objective Statement

1) Students will complete the dental hygiene 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) Upon completion of the program, students will demonstrate the technical proficiency in all skills necessary to fulfill their role as an entry-level registered dental hygienist by successfully completing a clinical regional board. (Psychomotor Domain) No less than 75% of the students will successfully complete the Dental Hygiene Clinical Regional Board Exam on the first attempt.

- Results (Provide Numbers and Percentages for Quantitative Data)

- 1) Completion with "C" or Better Results

- **2009-2010 Data:** Numbers = 26 out of 27 and Percentage = 96.2 %
 - **2010-2011 Data:** Numbers = 26 out of 27 and Percentage = 96.2 %

- 2) Regional Board Exam First Time Attempt Pass Rate Results

- **2009-2010 Data:** Numbers = 21 out of 27 and Percentage = 77.7 %
 - **2010-2011 Data:** Numbers = 27 out of 27 and Percentage = 100 %

- Analysis

- Results from May 2010 Graduates: 96% of the original 27 students did complete the program within 24 months of being accepted into the program. One student dropped the program due to a family illness. 77.7% of the students passed the clinical regional board on the first attempt. The six students who failed the clinical exam on the 1st attempt were successful on the 2nd attempt. In 2010, the failure rate for the WREB clinical exam was significantly higher across the state than in previous years.
 - Results from May 2011 Graduates: 96% of the original 27 students did complete the program within 24 months of being accepted into the program. One student failed courses in the first semester of the program.
100% of the students passed the clinical regional board on the first attempt.

- Improvements

- Students were able to take the CRDTS clinical board at "home" in the Amarillo College Dental Clinic because of the new state of the art dental clinic.
Mock clinical exams are administered early in the semester to target students who are weak in clinical skills.
 - Improvements were successful as based on a 100% pass rate for clinical boards in 2011 on the 1st attempt.

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?): Donna Cleere and all faculty
 - Action Plan: Continue to monitor scores on the clinical board exam and make adjustments to curriculum as needed.
 - Expected Time Frame Needed to Implement Action Plan: All curriculum and board score results are analyzed in June/July of each year at a scheduled curriculum management meeting.
 - Budget Information Needed for Future Action (Cost/Details): Continued support for technology including dental software and updates.
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