





BTECH Dental Hygiene  
School of Science, Health & Criminal Justice  
Fall 2015 Assessment Report



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# What was assessed? Program Student Learning Outcomes list:

- *SLO 1 - Apply Scientific research methods to support evidenced based decision making.*
- *SLO 2-Competently assess, plan, implement and evaluate individual and/or community needs related to oral disease prevention and therapy in an ever-changing healthcare environment.*
- *SLO 3 – Communicate effectively using verbal, nonverbal written and electronic communication skills.*
- *SLO 5 - Apply principles of education in the development and delivery of a dental hygiene unit of instruction.*



# What Was Assessed Program Student Learning Outcome List

- SLO 7-Exhibit critical thinking skills utilizing self assessment tasks for professional growth and development leading to life-long learning.



# Where were outcomes assessed?

- *SLO 1* - Apply scientific research methods to support evidence based decision making.
  - *DHYG 350, DHYG 390*
- *SLO 2*- Competently assess, plan, implement and evaluate individual and/or community needs related to oral disease prevention and therapy in an ever-changing healthcare environment.
  - *HLTH 330*
- *SLO 3*-Communicate effectively using verbal, nonverbal written and electronic communication skills.
  - *DHYG 390*



# Where were outcomes assessed?

*SLO 4* - Analyze published reports of oral health research and apply this information to the practice of dental hygiene.

- *DHYG 350*

- *SLO 5* -Apply principles of education in the development and delivery of a dental hygiene unit of instruction.

DHYG 360



# Where were Outcomes assessed?

- SLO 7-Exhibit critical thinking skills utilizing self assessment tasks for professional growth and development leading to life-long learning.
  - DHYG 390



# How was the assessment accomplished?

- Student work assessed:
  - Test analysis
  - Research critique and evaluation
  - Unit of instruction
  - Research papers
  - Discussion posts
- Measurement strategy:
  - rubrics used for discussion posts, research critique. research papers, unit of instruction.
- Sample size:
  - All dental hygiene students enrolled in courses





# SLO 1 – Scientific Research Methods

Course	Program SLO	Target	
DHYG 350	SLO 1	90% of students will achieve an 85% or greater on course-embedded discussion board assignment.	Met
HLTH 330	SLO 2	90% of students will receive an 80 or greater on the grant proposal as measured by the grant proposal rubric.	Not met
DHYG 390	SLO 3	90 % of students will receive a grade of 85% or better on site supervisor evaluation.	Data Inc.



Course	Program SLO	Target	
DHYG 350	SLO 5	90% of students will receive an 85% or better on unit of instruction project.	Met
DHYG 390	SLO 7	90 % of students will achieve an 85% or greater on the debate criteria (DHYG 310) and internship evaluation and portfolio.	Data incomplete



# Assessment results: What have the data told us?

- SLO 2
  - N = 6 DH students
    - 4 exceeded
    - 1 failed to meet by 2 points due to late submissions
    - 1 failed to meet by 6 points due to consistently late submissions
    - 76 % met
- Dental Hygiene students consistently meet targets for program learning outcomes.
- Data has been collected for 9 years.

SLO 7 data is incomplete as this SLO is measured in 2 courses DHYG 390; DHYG 310 (Spring.)



# Data-driven decisions: How the department has or plans to “close the loop” based on these results

- SLO 2 ( HLth 330)
  - Instructional Methods
    - Stress penalty for late submissions in syllabus.
    - Reduce DHYG 360 from 4 credits to 3 credits
    - Add 1 cr hour information literacy course.
    - Require information literacy for non majors.



# What resources were used or have been requested to close the loop?

- No resources requested as program is being deactivated Fall 2016.

