

BTECH Dental Hygiene
School of Science Health and Criminal Justice
Fall 2016 Assessment Report



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What was assessed? Student learning outcomes list:

- Analyze published reports of oral health research and apply this information to the practice of dental hygiene. *
- Communicate effectively using verbal, nonverbal written and electronic communication skills.*
- Apply scientific research methods to support evidence based decision making. *
- Assume the roles of the professional dental hygienist (clinician, educator, researcher, change agent, consumer advocate, administrator) as defined by the ADHA



What was Assessed? Student learning outcome list

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



Assessment and Findings

- DHYG 350 Current Concepts in Periodontology
 - Conduct a review of the literature in periodontology and assess the validity of findings.

Target: 90% of students will accurately complete a review of the literature using the literature review rubric.

N= 9

9 met
100%

Target
Achievement
exceeded



Assessment and Findings

- DHYG 350 Current Concept Periodontology
 - Utilize valid studies to identify factors which may modify current theory and practice in periodontology.

90% of student will earn and 85 or above on the discussion board assignment.

N= 9
Scores:
90 = 5
95 = 2
100 = 2

Target Achievement
Exceeded
100% met



Assessment and Findings

- DHYG 350 Current Concepts Periodontology
 - Explain the relationship of periodontal health to systemic health.

90% of students will earn an 85 or above on the oral systemic test analysis

N= 9
90 = 2
95 = 1
100 = 6

100% met Target Achievement Exceeded



Assessment and Findings

- DHYG 350 Current Concepts in Periodontology
 - Discuss the current concepts of the etiology of periodontal disease and identify changes from earlier theories and concepts.

Target: 70% of students will earn a 14 or greater on the AACU critical thinking rubric

N =9
ACLU scores
16 =2
19 = 2
20 =5

Target Achievement Exceeded



What has the assessment data told us:

- DHYG 350
 - Program SLO's met
 - AACU Critical Thinking target achievement met.
 - Recommendations
 - No Change.
 - Program suspended



How was the assessment accomplished

- DHYG 390 Dental Hygiene internship
 - Apply concepts and skills gained from academic experience to a professional work setting.
 - 100% of students will apply academic knowledge and skills to a work setting and receive a grade of B or better on the site supervisor evaluation and portfolio and a score of 14 or better on the AACU critical thinking rubric.



Assessment and Findings

DHYG 390 Dental Hygiene Internship

Apply concepts and skills gained from academic experience to a professional work setting.

Target: 100% of students will apply academic knowledge and skills to a work setting and receive a grade of B or better on the site supervisor evaluation and portfolio and a score of 14 or better on the AACU critical thinking rubric.

Site Supervisor
Evaluation and
Portfolio
N= 2
1 = A
1 = B

AACU Scores
N= 2
1 = 18
1 = 15

Target
Achievement
Exceeded



What has the assessment data told us?

- DHYG 390
 - Program SLO's met
 - AACU Critical Thinking target achievement met
 - Recommendations
 - No Change
 - Program suspended



Assessment Findings

- HLTH 330
 - Research grant funding opportunities.

Target: 100% of students will identify at least 3 sources of funding for a grant in their given discipline.

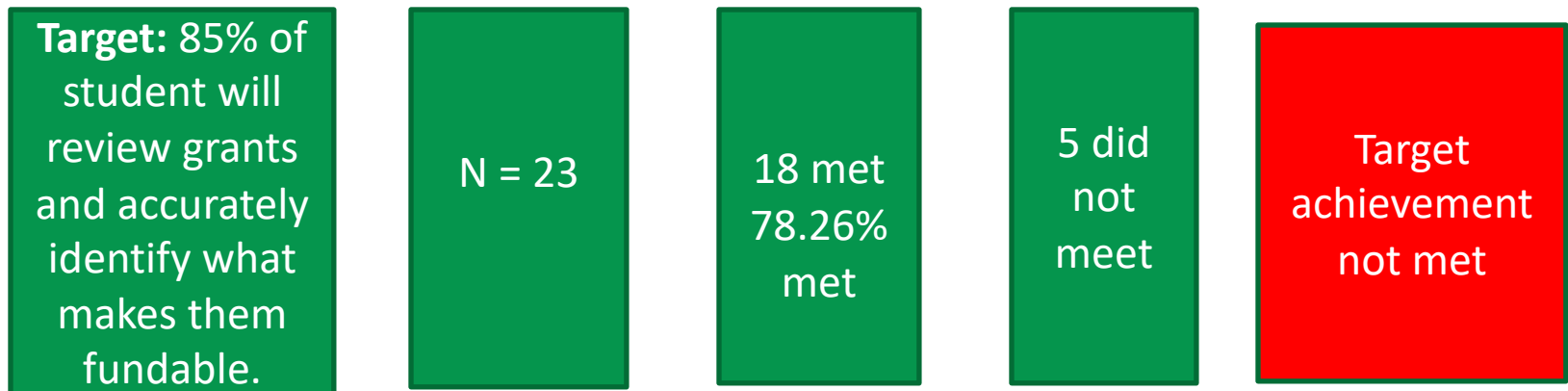
N= 23
23 met

Target
Achievement
met



Assessment and Findings

- HLTH 330
 - – Evaluate the quality of proposals by identifying what makes them fundable.
- Findings



Assessment and Findings

- HLTH 330
 - Identify a problem and propose a project that might offer a solution to that problem.
 - Findings

85% of student will earn an 85% or above on the written problem statement using the grant writing rubric.

N=23
13 = > 90
3 = > 80
3 = 70
4 = 60
69.5% met

Target
Achievement
Not met



Assessment and Findings

- HLTH 330
 - Write a grant proposal following funder's guidelines.

70 % of student will earn a score of 10 or greater out of 20 on the AACU Critical Thinking modified rubric.

N= 23
8 scored 20
4 scored 18
1 scored 15
5 scored 10
2 scored 5
3 scored 0

78.2% met

Target Achievement met



What has the assessment told us?

- HLTH 330 Grant Writing
 - Students who failed to meet benchmark did not submit for the non-graded review prior to due date and/or submitted the assignments late.
 - Add penalties for late submissions to the syllabus.
 - Require and award points for review submissions.



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

- No resources requested as program has been suspended.



What changes would you make to the Assessment Process?

- Utilize AACU rubric in grading criteria appropriate assignments.
- Modify reporting format of powerpoint.

