

Weber State University
Annual Assessment of Evidence of Learning

Cover Page (note to Heather – feedback should go to the interim chair, Susan Alexander)

Department/Program: Dental Hygiene Department/Dental Hygiene Program

Academic Year of Report: 2015/16

Date Submitted: 11-21-2016

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Assessment data from 2013/2014 Academic year (summer 2013-spring 2014)

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A. Brief Introductory Statement:

Please review the Introductory Statement and contact information for your department displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html> - if this information is current, please place an 'X' below. No further information is needed. We will indicate "Last Reviewed: [current date]" on the page.

- Information is current; no changes required.**
 Information is not current; updates below.

Update:

B. Mission Statement

Please review the Mission Statement for your department displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html> - if it is current, please indicate as much; we will mark the web page as "Last Reviewed [current date]". No further information is needed. If the information is not current, please provide an update:

- Information is current; no changes required.**
 Information is not current; updates below.

C. Student Learning Outcomes

Please review the Student Learning Outcomes for your department displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html> - if they are current, please indicate as much; we will mark the web page as "Last Reviewed [current date]". No further information is needed. If they are not current, please provide an update:

- Information is current; no changes required.**
 Information is not current; updates below.

Measurable Learning Outcomes

At the end of their study at WSU, students in this program will:

- 1) ...

- 2) ...
- 3) ...
- 4) ...
- 5) ...
- 6) etc.

D. Curriculum

Please review the Curriculum Grid for your department displayed on the assessment site:

<http://www.weber.edu/portfolio/departments.html> - if it is current, please indicate as much; we will mark the web page as “Last Reviewed: [current data]”. No further information is needed.

If the curriculum grid is not current, please provide an update:

Information is current; no changes required.

Information is not current; updates below

Curriculum Map

	Department/Program Learning Outcomes						
	Learning Outcome 1	Learning Outcome 2	Learning Outcome 3	Learning Outcome 4	Etc...		
Core Courses in Department/Program							

	Department/Program Learning Outcomes							
	Learning Outcome 1	Learning Outcome 2	Learning Outcome 3	Learning Outcome 4	Etc...			
Core Courses in Department/Program								

Note^a: Define words, letters or symbols used and their interpretation; i.e. 1= introduced, 2 = emphasized, 3 = mastered or I = Introduced, E = Emphasized, U = Utilized, A = Assessed Comprehensively; these are examples, departmental choice of letters/numbers may differ

Note^b: Rows and columns should be transposed as required to meet the needs of each individual department

E. Assessment Plan

Please review the Assessment Plan for your department displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html> - if the plan current, please indicate as much; we will mark the web page as “Last Reviewed [current date]”. No further information is needed.

The site should contain an up-to-date assessment plan with planning going out a minimum of three years beyond the current year. Please review the plan displayed for your department at the above site. The plan should include a list of courses from which data will be gathered and the schedule, as well as an overview of the assessment strategy the department is using (for example, portfolios, or a combination of Chi assessment data and student survey information, or industry certification exams, etc.).

Please be sure to include your planned assessment of any general education courses taught within your department. This information will be used to update the General Education Improvement and Assessment Committee’s planning documentation.

Assessment plan:

On-going Assessment Plan with Curriculum Review

On a three-year cycle, courses will be presented by the individual teaching faculty to the department curriculum committee. The course goals, objectives, competencies and assessments will be reviewed. Feedback will be presented to the faculty who is representing the course, verbally and written assessment. Appropriate curricular changes and edits will be completed during the review academic year.

	2015-2016	2016-2017	2017-2018	2018-2019
DENT 2201 Concepts of Community Oral Health (Didactic)		review		
DENT 2205 Head/Neck/Dental Anatomy (Didactic)		reviewed		
DENT 2206 Clinical Dental Hygiene I/Rad (Clinic/Lab)	reviewed			review
DENT 2207 Dental Hygiene I (Didactic)	reviewed			review
DENT 2208 Radiology (Didactic)	reviewed			review
DENT 2250 Professional Ethics (Didactic)		review		
DENT 2211 Oral Pathology (Didactic)		review		
DENT 2215 Periodontology (Didactic)		reviewed		
DENT 2216 Clinical Dental Hygiene II (Clinic)		review		review
DENT 2217 Dental Hygiene II (Didactic)		review		review
DENT 2235 Dental Medicine I (Didactic)		review		
DENT 2219 Dental Materials (Didactic/Lab)		review		
DENT 3305 Dental Medicine II (Didactic/Lab)			review	
DENT 3336 Clinical Dental			review	

Hygiene III (Clinic)				
DENT 3337 Dental Hygiene III (Didactic)			review	
DENT 3346 Dental Hygiene IV (clinic)			review	
DENT 3347 Dental Hygiene V (Didactic)				

Annually, curriculum review is part of the major department meetings pre-fall semester, end of fall semester and end of spring semester. Overall measures of specific data that include a student portfolio that is representative of DENT 2206, DENT 2216, DENT 3336 and DENT 3346 encompassing all four semesters of the clinical dental hygiene course work with examples of experiences with patient treatment, projects that demonstrate growth in learning to a level representative of a graduating dental hygiene student. Chi Test assessment data for all courses is presented along with Dental Hygiene certifying examinations (Western Regional Examining Board (WREB) and the American Dental Association Commission on Dental Accreditation written examination. A combination of Chi-tester examinations are used in each course that has computer based examinations, students are surveyed to gather information and employers of our recent graduates are surveyed for feedback.

F. Report of assessment results for the most previous academic year:

There are a variety of ways in which departments can choose to show evidence of learning. This is one example. The critical pieces to include are 1) what learning outcome is being assessed, 2) what method of measurement was used, 3) what the threshold for ‘acceptable performance’ is for that measurement, 4) what the actual results of the assessment were, 5) how those findings are interpreted, and 6) what is the course of action to be taken based upon the interpretation.

A. Evidence of Learning: Courses within the Major

*Direct and indirect: at least one measure per objective must be a direct measure.

E. Evidence of Learning: **DENT 2201 Concepts of Community Dental Health** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	<ul style="list-style-type: none"> Describe the history and progress of the nation’s department of public health and dental public health Report on the outcomes and findings of the Surgeon’s General Report on Oral Health in America: Defining Challenges for the Future (2000) 	Measure 1: in class written quizzes (1 per topic) and in-class discussion Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: 95% of students scored 80% or better on all quizzes Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 1: Students successfully demonstrated knowledge and application to dental hygiene practice scenarios Measure 2: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time Measure 2: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2201 Concepts of Community Dental Health** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 3: Midterm and Final Examination (Chitester)	Measure 3: Students pass the course computer-based delivery examinations at a score of 75% or better	Measure 3: Students demonstrate knowledge mastery on internal examinations	Measure 3: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Demonstrate a working knowledge of the U.S. Dental Care Delivery and Managed Care systems and identify those programs at the state level that are in place to aid in access to dental health care	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: Students passed the community dental health section/questions on the National Board Exam	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	•Identify a community dental health issue, plan and organize the implementation of a program to address the issue, implement the program and evaluate the program=s	Measure 1: Students were required to develop a community dental health program and present their plan in class	Measure 1: All students demonstrated competence and appropriate knowledge of community dental health	Measure 1: Students successfully demonstrated competence; judgment, reasoning and appropriate problem-solving skills	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2201 Concepts of Community Dental Health** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will... outcomes and identify strategies for improvements	Direct and Indirect Measures*	program development , implementation, assessment and evaluation		
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	•Demonstrate a working knowledge of the U.S. Dental Care Delivery and Managed Care systems and identify those programs at the state level that are in place to aid in access to dental health care	Measure 1: In-class written quizzes (1 per topic) and in-class discussion	Measure 1: All students scored 90% or better on quizzes	Measure 1: (Ex. Students successfully demonstrated knowledge and application to dental hygiene practice scenarios	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive	Measure 2: Students passed the community dental health section/questions	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2201 Concepts of Community Dental Health** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		written examination) Measure 3: Midterm and Final Examination (Chitester)	on the National Board Exam Measure 3: Students pass the course computer-based delivery examinations at a score of 75% or better	Measure 3: Students demonstrate knowledge mastery on internal examinations	Measure 3: No curricular or pedagogical changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Learning Outcome •Demonstrate a working knowledge of the U.S. Dental Care Delivery and Managed Care systems and identify those programs at the state level that are in place to aid in access to dental health care •Identify a community dental health issue, plan and organize the implementation of a program to address the	Measure 1: Students were required to develop a community dental health program and present their plan in class Measure 2: Dental Hygiene National Board	Measure 1: All students demonstrated competence and appropriate knowledge of community dental health program development, implementation, assessment and evaluation Measure 2: Students passed the community	Measure 1: Students successfully demonstrated competence; judgment, reasoning and appropriate problem-solving skills Measure 2: Students demonstrate	Measure 1: No curricular or pedagogical changes needed at this time Measure 2: No curricular or

E. Evidence of Learning: **DENT 2201 Concepts of Community Dental Health** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will... issue, implement the program and evaluate the program=s outcomes and identify strategies for improvements	Direct and Indirect Measures* Examination scores (comprehensive written examination)	dental health section/questions on the National Board Exam	mastery in external examinations	pedagogical changes needed at this time
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	•Identify a community dental health issue, plan and organize the implementation of a program to address the issue, implement the program and evaluate the program's outcomes and identify strategies for improvements	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: Students passed the community dental health section/questions on the National Board Exam	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	<ul style="list-style-type: none"> •be able to identify the normal dentition and its anatomical landmarks • properly label a human skull and be able to support or justify the labeling in an oral presentation to the instructor •Answer questions concerning the different sections discussed in anatomy class 	<p>Measure 1: Students will be able to identify the normal dentition and its anatomical landmarks</p> <p>Measure 2: Score earned by proper identification of structures and answering questions correctly</p> <p>Measure 3: Students will take 5 test throughout the semester concerning the different sections taught Midterm and Final</p>	<p>Measure 1: The majority of the class accomplished the goal by achieving a 90% or greater score</p> <p>Measure 2: The majority of the class accomplished the goal by achieving a 90% or greater score</p> <p>Measure 3: All tests are given on the CANVAS internet delivery system. Students passed examinations at 88% or higher combined score</p>	<p>Measure 1: Students successfully demonstrated knowledge and interpretation skills</p> <p>Measure 2: Students successfully demonstrated knowledge and interpretation skills. Students showed mastery of labeling the model human skull</p> <p>Measure 3: Students demonstrate knowledge mastery on internal examinations.</p>	<p>Measure 1: No curricular or pedagogical changes needed at this time</p> <p>Measure 2: No curricular or pedagogical changes needed at this time</p> <p>Measure 3: Based on the results of a few questions asked in the test some questions were modified to be clearer, and some questions were</p>

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Demonstrate a fundamental knowledge of head and neck and dental anatomy	Examination (Chitester) Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination) Measure 2: Successfully pass sequential clinical courses that follow this course	Measure 1: Students passed the head and neck and dental anatomy section/questions on the National Board Exam Measure 2: Students use course knowledge in clinical courses	Measure 1: Students demonstrate mastery in external examinations Measure 2: Students demonstrated competence; transfer of knowledge into advanced dental hygiene courses	Measure 1: removed from the tests. No curricular or pedagogical changes needed at this time Measure 2: No curricular or pedagogical changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	•Identify anatomy of the head and neck and dental anatomy as related to common anomalies	Measure 1: Successfully pass sequential clinical courses that follow this course	Measure 1: All students demonstrated appropriate knowledge of head, neck and dental anatomy	Measure 1: Students successfully demonstrated competence; judgment, reasoning, appropriate fundamental problem-solving skills	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the anatomy section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Learning Outcome • Students will identify structures associated with cranial anatomy by naming labeled items on a lab type test and answering any posed questions on the subjects	Measure 1: In-class written quizzes and in-class discussion Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: All students scored 88% or better on quizzes Measure 2: Students passed the anatomy section/questions on the National Board Exam	Measure 1: (Ex. Students successfully demonstrated knowledge and application to fundamental dental hygiene Measure 2: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time Measure 2: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 3: Six examinations throughout the semester (Chitester)	Measure 3: Students passed computer-delivered examinations at a score of 88% or better combined scores	Measure 3: Students demonstrate knowledge mastery on internal examinations	Measure 3: No curricular or pedagogical changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	• Students will identify anatomical structures associated with cranial and dental anatomy related to dental hygiene practice	Measure 1: class written quizzes (1 per topic) and in-class discussion with free-write exercises Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: All students passes quizzes and writing assignments at 90% or better Measure 2: Students passed the anatomy section/questions on the National Board Exam	Measure 1: Students successfully demonstrated knowledge and application to dental hygiene practice scenarios Measure 2: Students demonstrate mastery in external examinations	Measure 1: Faculty to include review of transfer in all related courses; this outcome will be reassessed during next review Measure 2: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	<ul style="list-style-type: none"> answer comprehensive questions concerning the topics/sections presented in anatomy class 	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the anatomy section/questions on the National Board Exam	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: **DENT 2206 Clinical Dental Hygiene I** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	<ul style="list-style-type: none"> Understand the concepts of infection control measures during patient treatment. Understand the difference between normal and unhealthy tissues and how to formulate a dental hygiene diagnosis specific to the patients' needs 	Measure 1: Satisfactorily complete Process Evaluations (PE).	Measure 1: All but one students successfully passed PE's by second attempt. (passed on 3 rd attempt)	Measure 1: Students successfully demonstrated fundamental competence	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	<ul style="list-style-type: none"> •Follow proper infection control standards during patient treatment. •Correctly assess and record vitals, health histories, head and neck exams, and oral exams, and dental and periodontal exams. •Identify healthy and unhealthy tissues. •Teach the etiology and prevention of dental disease to a dental hygiene peer/patient •Demonstrate hand instrumentation using a variety of instruments while using proper body ergonomics 	Measure 1: Direct observation of skills; evaluated on taleval® evaluation system. Measure 2: Demonstration of PE's pertaining to patient treatment	Measure 1: All students successfully demonstrated technical skills. Measure 2: All students successfully passed off pertinent PE's by the second try.	Measure 1: Students successfully demonstrated competence Measure 2: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time. Measure 2: No curricular or pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	<ul style="list-style-type: none"> •Formulate the dental hygiene diagnosis and treatment plans specific to the patients' needs taking into consideration the patient's physiologic and psychological levels and readiness to learn. 	Measure 1: Answer questions on the Process Evaluation (PE). Measure 2: Direct observation of problem-solving skills as outlined	Measure 1: All students successfully passed PE's by second attempt. Measure 2: All students demonstrated	Measure 1: Students demonstrated competence Measure 2: Students successfully	Measure 1: No curricular or pedagogical changes needed at this time. Measure 2: No curricular or pedagogical

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	<ul style="list-style-type: none"> •Relate the oral hygiene diagnosis to the patient in such a way as to motivate change. •Engage the patient in the educational process related to improving health. 		on the Process Evaluations.	problem-solving skills	demonstrated competence
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge			Measure 1: PE's pertaining to oral hygiene instruction and prevention of oral disease.	Measure 1: All students successfully passed pertinent PE's by the second try.	Measure 1: Students successfully demonstrated competence;
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	<ul style="list-style-type: none"> •Demonstrate professionalism as expected of a health care professional. 		Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors.	Measure 1: All students successfully demonstrated professionalism	Measure 1: Students successfully demonstrated competence
Goal 6: The moral habitude requisite for the effective performance of responsibilities within	<ul style="list-style-type: none"> •Create a treatment plan which addresses the dental hygiene diagnoses, informed consent, aspects of primary prevention and secondary prevention, and non- 		Measure 1: Submission of completed patient chart.	Measure 1: All students successfully completed and	Measure 1: Students successfully demonstrated competence.
					changes needed at this time.
					Measure 1: No curricular or pedagogical changes needed at this time.
					Measure 1: No curricular or pedagogical changes needed at this time.
					Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2205 Head and Neck Anatomy** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>	
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6) dental hygiene practice and within society	Students will... surgical treatment of periodontal disease. •Understand and teach etiology of and prevention of oral disease including periodontal disease and caries.	Direct and Indirect Measures*	Measure 2: Direct observation of student/patient interactions.	turned in a patient chart. Measure 2: All students were observed to act responsibly	Measure 2: Students demonstrated competence	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2207 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6) Goal 1: Necessary biophysical, psychosocial and dental hygiene	Students will... •Understand the reasons for infection control measures during patient treatment.	Direct and Indirect Measures* Measure 1: Weekly quiz	Measure 1: students scored an average of 85% or better	Measure 1: Students successfully demonstrated understanding.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2207 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6) knowledge requisite for a comprehensive understanding of dental hygiene practice	Students will... •Understand the difference between healthy and unhealthy tissues and how to formulate a dental hygiene diagnosis specific to the patients' needs; - Understand the importance of accurate health histories, head and neck exams, and oral exams, dental and periodontal exams, healthy vs. unhealthy tissues, the etiology and prevention of dental disease.	Direct and Indirect Measures*			
		Measure 2: Summative Exam	Measure 2: students scored an average of 85% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3:Case Study	Measure 3: All students turned in a comprehensive case study.	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Understand the parts and uses of basic dental hygiene instruments.	Measure 1: Weekly quiz	Measure 1: All students scored an average of 75% or better	Measure 1: Students successfully demonstrated fundamental competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 85% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2207 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 3: Direct observation- Instrumentation on a typodont (dental model)	Measure 3: Students were observed to show understanding of basics of instrumentation on a typodont (dental model)	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	<ul style="list-style-type: none"> •Formulate a dental hygiene diagnosis and treatment plan specific to a patients' needs taking into consideration the patient's physiologic and psychological levels and readiness to learn. •Relate the oral hygiene diagnosis to the patient in 	Measure 1: Weekly quiz Measure 2: Summative Exam; written final exam Measure 3: Case Study	Measure 1: All students scored an average of 75% or better Measure 2: students scored an average of 85% or better. Measure 3: All students turned in a	Measure 1: Students successfully demonstrated competence Measure 2: Students successfully demonstrated understanding Measure 3: Students successfully	Measure 1: No curricular or pedagogical changes needed at this time. Measure 2: No curricular or pedagogical changes needed at this time. Measure 3: No curricular or

E. Evidence of Learning: **DENT 2207 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will... such a way as to motivate change.	Direct and Indirect Measures*	comprehensive case study.	demonstrated understanding	pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	•Engage the patient in the educational process related to improving health.	Measure 1: Weekly quiz Measure 2: Summative Exam; written final exam Measure 3: Case Study	Measure 1: All students scored an average of 75% or better Measure 2: students scored an average of 85% or better. Measure 3: All students turned in a comprehensive case study.	Measure 1: Students successfully demonstrated competence Measure 2: Students successfully demonstrated understanding Measure 3: Students successfully demonstrated understanding	Measure 1: No curricular or pedagogical changes needed at this time. Measure 2: No curricular or pedagogical changes needed at this time. Measure 3: No curricular or pedagogical changes needed at this time.
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene	•Create a Case Study with a cohort.	Measure 1: Direct observation of student/peer interactions.	Measure 1: All students were observed to perform responsibilities within dental hygiene practice.	Measure 1: Students successfully demonstrated competence;	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2207 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6) profession and society	Students will...	Direct and Indirect Measures*			
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	•Demonstrate professionalism as expected of a health care professional.	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors. Measure 2: Student success in clinical settings.	Measure 1: All students demonstrated professionalism Measure 2: Students transferred classroom learning to actual patient treatment.	Measure 1: Students successfully demonstrated competence in professionalism Measure 2: All students demonstrated transformative learning.	Measure 1: No curricular or pedagogical changes needed at this time. Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2208 Radiology & Lab Section in 2206 Radiology** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	•Demonstrate knowledge of radiologic principles & related and practices to a minimum 80% level of proficiency	Measure 1: Seven examinations on Chi-tester; required to demonstrate knowledge and competency Measure 2: National Board Examination scores	Measure 1: 100% of students passed the examinations Measure 2: Students successfully pass the radiology section/questions on the National Board Exam above the national average	Measure 1: Students successfully mastered the course material Measure 2: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time Measure 2: No changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Demonstrate & perform required fundamental & advanced technical skills in radiography are completed in lab section of DENT2206	Measure 1: Students were required to successfully expose & process a stated minimum number of intra-oral and extra-	Measure 1: All students passed; completed the required number of acceptable radiographic images	Measure 1: Students successfully completed the course requirements	Measure 1: No changes needed at this time

E. Evidence of Learning: **DENT 2208 Radiology & Lab Section in 2206 Radiology** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			

oral radiographic images

Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	• (Demonstrate & perform required fundamental & advanced technical skills in radiography are completed in lab section of DENT2206) This goal required problem-solving behavior and independent skill demonstration by individual students	Measure 1: Students were required to successfully expose & process the minimum number of intra-oral and extra-oral radiographic images	Measure 1: All students completed the required number of images to pass the course	Measure 1: Students successfully completed the course requirements	Measure 1: No changes needed at this time
		Measure 2: Students were required to complete a practical exam, demonstrating independent thinking and	Measure 2: All students successfully completed the practical examination	Measure 2: Students completed the requirement	Measure 2: No changes needed at this time

		skill performance			
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	• review their laboratory radiographs with their faculty	Measure 1: Objective tests, oral explanation & successful student demonstration	Measure 1: Students successfully passed course exams/National Board Exam; completed process evaluations in lab	Measure 1: Students are successfully prepared	Measure 1: No changes needed at this time
		Measure 2: National Board Examination scores, Western Regional Examination for Dental Hygiene	Measure 2: Students successfully pass the radiology section/questions on the National Board Exam above the national average, successful on WREB exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	• perform clinical skills with proficiency equivalent to entry level practitioner	Measure 1: Process evaluations for techniques & clinical evaluation competencies	Measure 1: Students successfully complete 100% of the minimum number of process evaluations (or repeat to ensure minimum competency)	Measure 1: Students successfully complete these evaluations	Measure 1: No changes needed at this time
		Measure 2: National Board Examination scores, Western Regional	Measure 2: Students successfully pass the radiology section/questions on the National	Measure 2: Students demonstrate mastery in external examinations to qualify for	Measure 2: No changes needed at this time

		Examination for Dental Hygiene	Board Exam above the national average, successful on WREB exam	professional licensure	
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	<ul style="list-style-type: none"> utilize precautions to protect patients & operators from x-ray hazards and select appropriate radiographs for patient exposure 	Measure 1: Objective tests, oral explanation & successful student demonstration and evaluation spanning entire program; adherence to professional code in Student Handbook	Measure 1: Students successfully passed course exams/National Board Exam; completed process evaluations in lab	Measure 1: Students are successfully prepared and qualified for professional licensure as a dental hygienist	Measure 1: No changes needed at this time
		Measure 2:	Measure 2:	Measure 2:	Measure 2:

E. Evidence of Learning: DENT 2211 Oral Pathology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and	<ul style="list-style-type: none"> identify and discuss various pathologic changes 	Measure 1: Score earned by proper	Measure 1: The majority of the class accomplished the	Measure 1: Students successfully	Measure 1: No curricular or

E. Evidence of Learning: **DENT 2211 Oral Pathology** (Major course)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	<ul style="list-style-type: none"> • identify structures and pathology associated with the human skull (mandible and maxilla) by naming diseases and associated changes associated with the osteology of the oral region • identify and discuss various pathology associated with the soft tissues of the oral cavity • identify structures and pathology associated with the soft tissue of the oral cavity and answer any questions related to the various diseases or concerns • identify and discuss various pathologic conditions associated with the salivary glands and 	identification of diseases on a visual presentation (photographs/slide images) and answering various questions posed to the class	goal by achieving a 90% or greater score	demonstrated interpretation skills	pedagogical changes needed at this time
		Measure 2: National Board Examination scores. Score earned by proper identification of diseases seen on a visual presentation and answering questions posed to the class. Students will take four examinations	Measure 2: Students successfully pass the oral pathology section/questions on the National Board Exam above the national average. The majority of the class accomplished the goal by achieving a 90% or greater score. All tests are administered in class during the	Measure 2: Students demonstrate mastery in external examinations. All students successfully demonstrated a high level of knowledge in topic areas.	Measure 2: No changes needed at this time

E. Evidence of Learning: DENT 2211 Oral Pathology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	other miscellaneous diseases		assigned course hour. Test 1-4, 50 points each All students passed with an 85% or higher combined score		
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Demonstrate & perform required fundamental & skills and knowledge in oral pathology	Measure 1: Students were required to successfully complete all examinations	Measure 1: All students passed with an 85% or higher combined score	Measure 1: Students successfully completed the course examination requirements	Measure 1: No changes needed at this time
		Measure 2: Students were required to complete a practical in-class exam, demonstrating independent thinking and skill performance	Measure 2: All students successfully completed the practical examinations	Measure 2: Students completed the requirement	Measure 2: No changes needed at this time

E. Evidence of Learning: DENT 2211 Oral Pathology (Major course)					
<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	•Demonstrate & present with an assigned peer group; Four subjects from the course topics with the goal of improving the understanding of peers; demonstrating problem-solving behavior and communication skills	Measure 1: Students were required to participate in a peer group	Measure 1: All students completed the presentations	Measure 1: Students successfully completed the course assignment	Measure 1: No changes needed at this time
		Measure 2: Students were required to complete a presentation, demonstrating independent thinking and skill performance	Measure 2: All students successfully demonstrated mastery of communication skills	Measure 2: Students completed the requirement	Measure 2: No changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of	• review their presentation critique with faculty	Measure 1: Objective tests, oral explanation & successful student demonstration	Measure 1: Students successfully passed course exams/National Board Exam; completed	Measure 1: Students are successfully prepared	Measure 1: No changes needed at this time
		Measure 2: National Board Examination scores, Western	Measure 2: Students successfully pass the oral pathology section/questions	Measure 2: Students demonstrate	Measure 2: No changes needed at this time

E. Evidence of Learning: DENT 2211 Oral Pathology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
dental hygiene knowledge		Regional Examination for Dental Hygiene (WREB)	on the National Board Exam above the national average, successful on WREB examination	mastery in external examinations	
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	• perform clinical skills with proficiency equivalent to entry level practitioner	Measure 1: Process evaluations for techniques & clinical evaluation competencies	Measure 1: Students successfully complete 100% of the minimum number of process evaluations (or repeat to demonstrate competency)	Measure 1: Students successfully complete these evaluations	Measure 1: No changes needed at this time
		Measure 2: National Board Examination scores, Western Regional Examination for Dental Hygiene	Measure 2: Students successfully pass the oral pathology section/questions on the National Board Exam above the national average, successful	Measure 2: Students demonstrate mastery in external examinations to qualify for professional licensure	Measure 2: No changes needed at this time

E. Evidence of Learning: DENT 2211 Oral Pathology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
			on WREB exam national average		
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	<ul style="list-style-type: none"> utilize appropriate exposure control and precautions to protect patients & operators from cross-contamination during patient treatment 	Measure 1: Objective tests, oral explanation & successful student demonstration and evaluation spanning entire program; adherence to professional code in Student Handbook	Measure 1: Students successfully passed course exams/National Board Exam; completed	Measure 1: Students are successfully prepared and qualified for professional licensure as a dental hygienist	Measure 1: No changes needed at this time

E. Evidence of Learning: DENT 2215 Periodontology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	•Demonstrate knowledge of periodontal principles & practices related to periodontal health, disease & treatment	Measure 1: Three major examinations on Chi-tester were required to demonstrate competency	Measure 1: 100% of students passed the examinations at or above 90% average	Measure 1: Students successfully mastered the course material	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: National Board Examination scores	Measure 2: Students successfully passed the periodontology section/questions in the National Board Exam above the national average	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	Demonstrate knowledge of periodontal principles & practices related to periodontal health, disease & treatment	Measure 1: Three major examinations on Chi-tester were required to demonstrate competency	Measure 1: 100% of students passed the examinations at or above 90% average	Measure 1: Students successfully mastered the course material	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2:	Measure 2: Students successfully passed the periodontology	Measure 2: Students demonstrate	Measure 2: No changes needed at this time

E. Evidence of Learning: DENT 2215 Periodontology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		National Board Examination scores	section/questions in the National Board Exam above the national average	mastery in external examinations	
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior		Measure 1: Three exams (Chitester) to demonstrate competency	Measure 1: 100% of students passed the examinations at or above 90% average	Measure 1: Students successfully mastered the course material	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: National Board Examination scores	Measure 2: Students successfully passed the periodontology section/questions in the National Board Exam above the national average	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of	• complete & present a group project germane to contemporary research on periodontal diseases or therapies	Measure 1: Formal presentation of assignment (written assignment criteria & rubric	Measure 1: All students successfully participated and completed the assignment	Measure 1: Students successfully completed the assignment	Measure 1: No changes needed at this times

E. Evidence of Learning: DENT 2215 Periodontology (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
dental hygiene knowledge		are used in the evaluation)			
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	• acquire the knowledge, competence and professional commitment to provide the highest quality of dental hygiene care	Measure 1: Three major examinations on Chi-tester were required to demonstrate competency	Measure 1: 100% of students passed the examinations at or above 90% average	Measure 1: Students successfully mastered the course material	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: National Board Examination scores	Measure 2: Students successfully passed the periodontology section/questions in the National Board Exam above the national average	Measure 2: Students demonstrate mastery in external examinations as a process to become licensed to practice dental hygiene	Measure 2: No changes needed at this time
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	• acquire the knowledge, competence and professional commitment to provide the highest quality of dental hygiene care	Measure 1: Clinical evaluation system: Taleval® system	Measure 1: Students demonstrated competency through clinical score - pass	Measure 1: fundament clinical skill competency was demonstrated at this time	Measure 1: No changes needed at this time

E. Evidence of Learning: DENT 2216 Clinical Dental Hygiene II					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	Treat a variety of patients in the dental hygiene clinical setting	Measure 1: Direct observation of skills (taleval® system).	Measure 1: students demonstrated comprehensive understanding and skills of dental hygiene practice.	Measure 1: Students successfully demonstrated understanding and skills.	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	Follow proper infection control standards during patient treatment. Correctly take and record vitals, health histories, head and neck exams, and oral exams, and dental and periodontal exams. Identify healthy vs. unhealthy tissues.	Measure 1: Direct observation of skills (taleval® system).	Measure 1: All but one student successfully demonstrated technical skills.	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Demonstration of PE's pertaining to patient treatment	Measure 2: All but one student successfully passed off pertinent PE's by the second try.	Measure 2: Students successfully demonstrated competence	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2216 Clinical Dental Hygiene II**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	Teach the etiology and prevention of dental disease. Demonstrate hand instrumentation using a variety of instruments while using proper ergonomics.				
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	Formulate the dental hygiene diagnosis and treatment plans specific to the patients' needs taking into consideration the patient's physiologic and psychological levels and readiness to learn. Relate the oral hygiene diagnosis to the patient in such a way as to motivate change.	Measure 1: Direct observation of skills (taleval® system).	Measure 1: All students successfully demonstrated problem-solving behavior	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication	Engage the patient in the educational process related to improving health.	Measure 1: Direct observation of skills pertaining	Measure 1: All students demonstrated skills pertaining to	Measure 1: Students successfully demonstrated competence;	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2216 Clinical Dental Hygiene II**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge		to oral hygiene instruction and prevention of oral disease (tal eval® system).	communication of and dissemination of proper oral care and prevention of oral disease.		
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Demonstrate professionalism as expected of a health care professional.	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors	Measure 1: All students successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence;	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	Create treatment plans which address the dental hygiene diagnoses, informed consent, aspects of primary prevention and secondary prevention, and non-surgical treatment of periodontal disease for a	Measure 1: Submission of completed patient chart.	Measure 1: All students successfully completed and turned in patient charts.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Direct	Measure 2: All students were	Measure 2: Students successfully	Measure 2: No curricular or

E. Evidence of Learning: DENT 2216 Clinical Dental Hygiene II					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	variety of patients. Understand and teach etiology of and prevention of oral disease including periodontal disease and caries.	observation of student/patient interactions.	observed to perform responsibilities within dental hygiene practice.	demonstrated competence.	pedagogical changes needed at this time.

E. Evidence of Learning: DENT 2217 Dental Hygiene I					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene	-Understand the effect of diet on total health, the effect of fluorides on dental health, dental	Measure 1: Weekly quiz	Measure 1: students scored an average of 85% or better	Measure 1: Students demonstrated understanding.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2217 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
knowledge requisite for a comprehensive understanding of dental hygiene practice	hygiene care for the life span and application of disease implications for dental hygiene care	Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Case Study- Diet Analysis	Measure 3: All students completed a dietary analysis on a patient in clinic	Measure 3: Students demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	Understand basic periodontal and ultrasonic instrumentation,	Measure 1: Weekly quiz	Measure 1: All students scored an average of 85% or better	Measure 1: Students demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2217 Dental Hygiene I**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
		Measure 3: Direct observation-student success in patient treatment	Measure 3: Students were observed to understand the basics of instrumentation on a patient in clinic	Measure 3: Students demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	Complete a dental hygiene diagnosis and treatment plan specific to a patients' needs taking into consideration the patient's physiologic and psychological levels and readiness to learn. Relate the oral hygiene diagnosis to the patient in	Measure 1: Weekly quiz	Measure 1: All students scored an average of 85% or better	Measure 1: Students demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Case Study	Measure 3: All students completed a comprehensive dietary	Measure 3: Students	Measure 3: No curricular or

E. Evidence of Learning: **DENT 2217 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	such a way as to motivate change.		analysis on a patient in clinic	demonstrated understanding	pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Engage the patient in the educational process related to improving health.	Measure 1: Weekly quiz	Measure 1: All students scored an average of 85% or better	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Case Study	Measure 3: All students turned in a comprehensive dietary analysis on a patient in clinic	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2217 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 4: Student success in clinic (taleval® clinical evaluation system)	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Create a Table Clinic presentation as part of a small peer group.	Measure 1: Direct observation of student/peer interactions.	Measure 1: All students were observed to perform responsibilities within dental hygiene practice.	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental	Demonstrate professionalism as expected of a health care professional.	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors	Measure 1: All students successfully demonstrated professionalism	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2217 Dental Hygiene I**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
hygiene practice and within society					

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene	- be able to understand the mechanical and chemical properties of dental materials, and the	Measure 1: Computer delivered Exam	Measure 1: The class successfully passed this exam.	Measure 1: Students successfully	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
knowledge requisite for a comprehensive understanding of dental hygiene practice	utilization of dental materials in a general dental practice -Describe the history associated with dental materials and the need for continual development of new materials. I -Students will identify current dental materials, and how they are utilized. -Associate the advantages and disadvantages of specific materials. -Select a material appropriate for the treatment.	1 (100 points, Chitester)		demonstrated knowledge	
		Measure 2: Computer delivered Exam 2 100 points	Measure 2: The class successfully passed this exam.	Measure 2: Students successfully demonstrated knowledge at a high level of knowledge	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Computer delivered Exam 3 100 points	Measure 3: The class successfully passed this exam.	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the	- demonstrate a comprehensive understanding of dental materials: Select all the materials that would	Measure 1: Group discussions, pertaining to	Measure 1: All students scored an average of 85% or better	Measure 1: Students successfully demonstrated knowledge	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
practice of dental hygiene	sufficiently meet the requirements of indicated treatment - demonstrate their knowledge and the fundamental use of dental materials.	different treatment plans			
		Measure 2: Demonstrate a working knowledge of materials and their use; participate in two laboratory experiences	Measure 2: All students completed the assignments associated with each lab. Outcomes are based on a pass or fail measure	Measure 2: Students successfully participated and demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Direct observation-student success in laboratory experience	Measure 3: Students were observed during patient treatment through their communication with their patient relative to dental materials (taleval® clinical evaluation system)	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom and laboratory	Measure 4: All students demonstrated	Measure 4: No curricular or

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
			learning to patient treatment.	transformative learning	pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	- demonstrate their knowledge and the fundamental use of dental materials	Measure 1: National Board Examination scores, Western Regional Examination for Dental Hygiene	Measure 1: All students passed National and regional examination sections/topics related to dental materials and clinical patient treatment	Measure 1: Students successfully demonstrated knowledge	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Course written examination	Measure 2: students scored an average of 88% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Dental Materials Laboratory Experiences	Measure 3: All students participated in laboratory exercises	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom and laboratory	Measure 4: All students demonstrated	Measure 4: No curricular or

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
			experiences and learning to clinical patient treatment.	transformative learning	pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Engage the patient in the educational process related to knowledge and function of dental materials	Measure 1: National Board Examination scores, Western Regional Examination for Dental Hygiene	Measure 1: All students passed National and regional examination sections/topics related to dental materials and clinical patient treatment	Measure 1: Students successfully demonstrated knowledge and skills	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Dental Materials Laboratory Experiences	Measure 3: All students participated in laboratory exercises	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2219 Dental Materials**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to clinical patient experiences.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Participate in Laboratory experiences	Measure 1: Direct observation of student/peer interactions.	Measure 1: All students were observed to perform responsibilities within dental hygiene practice.	Measure 1: Students successfully demonstrated competence;	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	Demonstrate professionalism as expected of a health care professional in a laboratory and clinical setting.	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors.	Measure 1: All students successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2235 Dental Medicine I (major course)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	<ul style="list-style-type: none"> - review the anatomy and physiology associated with specific pathological disorders. Students will review the body systems associated with drug: absorption, distribution, metabolism, and excretion - utilize hand-outs to label the primary anatomy associated with each body system. - complete flow charts that associate the disorder with the associated physiology. - understand the absorption, distribution, 	Measure 1: Exam 1 100 points	Measure 1: The class successfully passed this exam	Measure 1: Students successfully demonstrated understanding.	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Exam 2 100 points	Measure 2: students scored an average of 88% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Students will review case history reports to recognize disease, the associated medications, and the current medical	Measure 3: The class successfully completed this assignment	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2235 Dental Medicine I (major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	metabolism and excretion of drugs.	treatment options			
		Measure 4: Students will utilize the patients' medical history to determine the need for antibiotic premedication	Measure 4: Students transferred classroom learning to actual patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	- identify specific medical disorders, the medications associated with the disorder, the side effects, and interaction with any other medications the patient is taking. - implement the procedures necessary to gain all pertinent	Measure 1: Weekly quiz	Measure 1: All students scored an average of 85% or better	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Role play assignment, as a small group, create a checklist, and establish protocol for	Measure 2: students scored an average of 90% or better.	Measure 2: Students successfully demonstrated understanding and positive	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2235 Dental Medicine I (major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	information prior formulating a treatment plan.	communicating with other professionals		communication skills	
		Measure 3: Direct observation-student success in patient treatment	Measure 3: Students were observed and evaluated on their use of health history review and understanding	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic (taleval® clinical evaluation system)	Measure 4: Students transferred classroom learning to clinical patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	- implement the procedures necessary to gain all pertinent information prior formulating a treatment plan.	Measure 1: Direct observation-student success in patient treatment	Measure 1: All students scored an average of 85% or better	Measure 1: Students demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2235 Dental Medicine I (major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 2: Summative Exam	Measure 2: students scored an average of 88% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Student success in clinic (taleval® clinical evaluation system)	Measure 3: Students transferred classroom learning to actual patient treatment.	Measure 3: All students demonstrated transformative learning	Measure 3: No curricular or pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Students will role play, to help the group as a whole, establish a checklist, and establish protocol for communicating with other professionals.	Measure 1: Direct observation-student success in patient treatment	Measure 1: All students scored an average of 85% or better	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Student success in clinic (taleval® clinical evaluation system)	Measure 2: Students transferred classroom learning to actual patient treatment.	Measure 2: All students demonstrated transformative learning	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 2235 Dental Medicine I (major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Students will role play, to help the group as a whole, establish a checklist, and establish protocol for communicating with other professionals. Use skills for communication with peers, faculty, patients and professionals	Measure 1: Direct observation of student/peer interactions. Direct observation-student success in patient treatment (taleval® clinical evaluation system)	Measure 1: All students were observed to perform responsibilities within dental hygiene practice.	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	Demonstrate professionalism as expected of a health care professional.	Measure 1: Direct observation-student success in patient treatment Attendance, timeliness, professional demeanor	Measure 1: All students successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: DENT 2235 Dental Medicine I (major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		towards patients, peers, faculty and staff.			

E. Evidence of Learning: DENT 2250 Professional Ethics (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a	•Define professionalism, identify components of professional code of ethics, cultural competency, and major issues of equity within	Measure 1: In-class or on-line discussion writing assignments, class participation	Measure 1: 100% of students completed the assignments & participate in on-line writing discussions & successful	Measure 1: Students successfully completed course participation,	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 2250 Professional Ethics (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
comprehensive understanding of dental hygiene practice	the oral health professions	requirements, class quizzes	completion of quizzes	materials & assignments	
		Measure 2: National Board Examination scores, WREB process of care examination	Measure 2: Students successfully passed the ethics section/questions on the National Board Exam above the national average	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene		Measure 1: Students were required to complete ethical dilemma using a decision making model & present to peers in class	Measure 1: Successful completion of assignment	Measure 1: Successful completion of assignment	Measure 1: No changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	•identify ethical dilemmas; identify and use formal/informal ethical decision making processes	Measure 1: Students were required to complete ethical dilemma using a decision making	Measure 1: Successful completion of assignment	Measure 1: Successful completion of assignment	Measure 1: No changes needed at this time

E. Evidence of Learning: DENT 2250 Professional Ethics (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		model & present to peers in class			
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	<ul style="list-style-type: none"> prepare written understanding & awareness of ethical issues through completion of written assignment 	Measure 1: All students completed assignment to minimum content & writing specifications (rubric used)	Measure 1: All students successfully completed the assignment	Measure 1: Students completed the assignment	Measure 1: No changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	<ul style="list-style-type: none"> identify State laws and rules regulating the practice of dental hygiene 	Measure 1: Students download the State Practice Act/Rules and were required to identify specific sections applicable to the regulation and practice of dental hygiene	Measure 1: Students demonstrate knowledge through quizzes and discussions regarding regulation and practice of dental hygiene	Measure 1: Students participated fully and have fundamental understanding	Measure 1: No changes needed at this time
Goal 6: The moral habitude requisite	<ul style="list-style-type: none"> prepare written understanding & 	Measure 1: All students completed	Measure 1: All students successfully	Measure 1: Students	Measure 1:

E. Evidence of Learning: DENT 2250 Professional Ethics (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
for the effective performance of responsibilities within dental hygiene practice and within society	awareness of ethical issues through completion of written assignment	assignment to minimum content & writing specifications (rubric used)	completed the assignment	completed the assignment	No changes needed at this time

E. Evidence of Learning: DENT 3305 Dental Medicine II (Course in major)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial	-be able to identify anatomy in regards to anesthesia of the maxillary and mandibular regions;	Measure 1: Test 1 -100 points. Identifying structures	Measure 1: The majority of the class accomplished to goal by achieving a	Measure 1: Students demonstrated understanding.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	Students will identify anatomical structures associated with the administration of anesthesia - demonstrate knowledge of anatomy and clinical anesthesia skill; Students will administer anesthesia to both the maxillary and mandibular regions under the supervision of Clinical Faculty		88% or greater score		
		Measure 2: administer anesthesia to peers and clinical patients; PEs and (taleval® clinical evaluation system).	Measure 2: The class completed requirements of delivering anesthesia; all passed.	Measure 2: Students successfully demonstrated the required local anesthesia injection technique and knowledge in clinical setting	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Student success in clinic (taleval® clinical evaluation system)	Measure 3: Students transferred classroom learning to clinical patient treatment.	Measure 3: All students demonstrated transformative learning	Measure 3: No curricular or pedagogical changes needed at this time.
Goal 2: The technical skills, both fundamental and advanced,	- demonstrate knowledge of anatomy and clinical anesthesia skill; Students will administer anesthesia to both the maxillary and	Measure 1: Students will administer local anesthesia. PE: pass or fail	Measure 1: All students scored an average of 75% or better	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
essential to the practice of dental hygiene	mandibular regions under the supervision of Clinical Faculty	measure and taleval® clinical evaluation system			
		Measure 2: Summative Exam	Measure 2: students scored an average of 85% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Direct observation- Instrumentation on a typodont (dental model)	Measure 3: Students were observed to understand basic instrumentation on a typodont (dental model)	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Student success in clinic	Measure 4: Students transferred classroom learning to clinical patient treatment.	Measure 4: All students demonstrated transformative learning	Measure 4: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	- answer and demonstrate knowledge of course content. - demonstrate proper reasoning for pain control and the associated injections, as well as thorough health history reviews; Students will review health history and note pertinent information with supervising faculty and deliver proper type and technique of local anesthetic	Measure 1: Students will take 2 additional tests throughout the semester concerning sections taught in DENT 3305 Tests 2 and 3; 100 points ea.	Measure 1: All students scored an average of 85% or better	Measure 1: Students successfully demonstrated competence	A few questions were modified for clarity for future classes.
		Measure 2: Student will select proper anesthetic agent and utilize anatomical landmarks for successful delivery of local anesthetic	Students are monitored on all injections by supervising faculty, and are graded with process evaluations (PE), using TalEval® clinical grading system	Measure 2: Patient tolerance of local anesthesia administration as well as proper technique are used to assess individual students ability	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Case Study Report	Measure 3: All students completed	Measure 3: Students successfully	Measure 3: No curricular or

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
			a comprehensive case study report	demonstrated understanding	pedagogical changes needed at this time.
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	- demonstrate knowledge of course material	Measure 1: Weekly quizzes, 100 points total each- various topics through class	Measure 1: All students scored an average of 75% or better	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Summative Exam	Measure 2: students scored an average of 85% or better.	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Case Study Report	Measure 3: All students completed a comprehensive case study.	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
Goal 5: The leadership and initiative capabilities essential for	-demonstrate responsible behavior in the management of the clinical environment	Measure 1: Direct observation of student/patient/peer/faculty/sta	Measure 1: All students were observed to perform responsibly within the clinical	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
assuming roles of responsibility within the dental hygiene profession and society		ff interactions. (TalEval® clinical grading system)	environment during the dental hygiene program experience.		
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	-demonstrate responsible behavior in the management of the clinical environment	Measure 1: Direct observation of student/patient/peer/faculty/staff interactions. (TalEval® clinical grading system)	Measure 1: All students were observed to perform responsibly within the clinical environment during the dental hygiene program experience.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: **DENT 3305 Dental Medicine II (Course in major)**

<i>Program Learning Goal</i> The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Measurable Learning Outcome</i> Students will...	<i>Method of Measurement</i> Direct and Indirect Measures*	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	-demonstrate professionalism as expected of a health care professional.	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors.(TalEval® clinical grading system)	Measure 1: All but one student successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Student success in clinic TalEval® clinical grading system)	Measure 2: Students transferred classroom learning to clinical patient treatment.	Measure 2: All students demonstrated transformative learning	Measure 2: No curricular or pedagogical changes needed at this time.

E. Evidence of Learning: DENT 3301 Community Service Learning Lab (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	•Assess, provide a dental hygiene diagnosis, plan, implement and evaluate a community health program that includes dental screenings and providing dental sealants for elementary school children	Measure 1: in class written quiz and in-class discussion	Measure 1: 95% of students scored 80% or better	Measure 1: Students successfully demonstrated knowledge and application to dental hygiene practice	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
		Measure 3: Midterm and Final Examination (Chitester)	Measure 3: Students pass the course computer-based delivery examinations at a score of 75% or better	Measure 3: Students demonstrate knowledge mastery on internal examinations	Measure 3: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	•Demonstrate abilities and knowledge in providing dental screenings of elementary school student's teeth in treatment planning for sealants.	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: Students passed the community dental health section/questions on the National Board Exam	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3301 Community Service Learning Lab (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
		Measure 2: Participate in all aspects of the community dental hygiene service learning experience	Measure 2: all students participated in learning experience	Measure 2: all students demonstrated competency in the learning experience	No curricular or pedagogical changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	•Understand a community dental health issue, plan and organize the implementation of a program to address the issue, implement the program and evaluate the program, its outcomes and identify strategies for improvements	Measure 1: Students were required to participate in development of a community dental health program	Measure 1: All students demonstrated competence and appropriate knowledge of community dental health program development , implementation, assessment and evaluation	Measure 1: Students successfully demonstrated competence; judgment, reasoning and appropriate problem-solving skills	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
Goal 4: The theoretical bases, research and	•Demonstrate a working knowledge of the U.S.	Measure 1: In-class quiz	Measure 1:	Measure 1: (Ex. Students successfully	Measure 1:

E. Evidence of Learning: DENT 3301 Community Service Learning Lab (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Dental Care Delivery and identify those programs at the state level that are in place to aid in access to dental health care		All students scored 90% or better on exam	demonstrated knowledge and application to dental hygiene practice scenarios	No curricular or pedagogical changes needed at this time
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
		Measure 3: Midterm and Final Examination (Chitester)	Measure 3: Students pass the course computer-based delivery examinations at a score of 75% or better	Measure 3: Students demonstrate knowledge mastery on internal examinations	Measure 3: No curricular or pedagogical changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	<ul style="list-style-type: none"> •Demonstrate a working knowledge of the U.S. Dental Care Delivery and identify those programs at the state level that are in place to aid in access to dental health care •Identify a community dental health issue, plan and 	Measure 1: Students were required to develop a community dental health program and present their plan in class	Measure 1: All students demonstrated competence and appropriate knowledge of community dental health program development ,	Measure 1: Students successfully demonstrated competence; judgment, reasoning and appropriate problem-solving skills	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3301 Community Service Learning Lab (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	organize the implementation of a program to address the issue, implement the program and evaluate the program's outcomes and identify strategies for improvements		implementation, assessment and evaluation		
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 2: Students passed the community dental health section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	•Identify a community dental health issue, plan and organize the implementation of a program to address the issue, implement the program and evaluate the program's outcomes and identify strategies for improvements	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	Measure 1: Students passed the community dental health section/questions on the National Board Exam	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3336 Clinical Dental Hygiene III (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will.....</i>				
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	-Describe and demonstrate the necessary background knowledge of dental hygiene technique and skills and their relationship to the application of related clinical dental hygiene practice.	Measure 1: Student will complete clinical requirements, Process Evaluations (PE) and Mockboard (WREB) Examinations (taleval® clinical evaluation system)	Measure 1: The majority of the class accomplished the goal with a score of 90% or better	Measure 1: Students successfully demonstrated clinical skills and successfully passed clinical patient treatment	Measure 1: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	-demonstrate clinical skills related to patient treatment and the practice of dental hygiene	Measure 1: Students successfully passed clinical process evaluations on clinical skills (Taleval® clinical evaluation system)	Measure 1: Students successfully passed clinical patient treatment	Measure 1: Students successfully demonstrated competence in clinical skills and patient treatment	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3336 Clinical Dental Hygiene III (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will.....</i>				
		Measure 2: Students successfully passed clinical process evaluations (PE) on clinical skills, (Taleval® clinical evaluation system)	Measure 2: Students successfully passed clinical patient treatment requirements for quality and quantity of treatment provided	Measure 2: Students successfully passed required clinical skills related to periodontally involved patients and adjunctive therapies	Measure 2: No curricular or pedagogical changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	-demonstrate the ability to establish and follow through with a dental hygiene treatment plan	Measure 1: Students developed an appropriate treatment plan specific to each patient's dental hygiene needs, (Taleval® clinical evaluation system)	Measure 1: Treatment plan was approved by supervising faculty member	Measure 1: Students successfully demonstrated competence in developing and following through with an appropriate treatment plan	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3336 Clinical Dental Hygiene III (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will.....</i>				
		Measure 2: Case study assignment where students present a patient assessment, diagnosis, implementation, evaluate, assess and demonstrate outcomes of treatment	Measure 2: Judgment is demonstrated through individual projects; written paper, oral presentation and feedback from peers and faculty	Measure 2: Students successfully demonstrated competence in charting, treatment planning, assessments implementation and evaluation of patient treatment	Measure 2: No curricular or pedagogical changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	- demonstrate competence in communication with patients and peers - demonstrate competence in all communication both written and verbal	Measure 1: Students will demonstrate thorough and correct charting procedures (Taleval@ clinical evaluation system)	Measure 1: Students completed patient treatment and charting procedures with minimal corrections	Measure 1: Students successfully demonstrated competence in charting and assessments	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2:	Measure 2:	Measure 2: Students pass with	Measure 2:

E. Evidence of Learning: DENT 3336 Clinical Dental Hygiene III (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will.....</i>				
		Students will demonstrate professional communication skills with clinical faculty, peers and dental hygiene patients (Taleval® clinical evaluation system)	Students completed clinical requirements including all aspects of patient treatment and procedures	75% or better; clinical evaluations by supervising faculty (Taleval® clinical evaluation system)	No curricular or pedagogical changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	-have membership and active involvement in the WSU Student Chapter of the American Dental Hygienists' Association (SADHA) Registered Student Organization	Measure 1: Students will demonstrate professional communication skills with clinical faculty, peers and dental hygiene patients	Measure 1: Students completed program community requirements including all aspects of interactions (measured by participation in community activities)	Measure 1: Students experienced professional organization activities in their education program	Measure 1: No curricular or pedagogical changes needed at this time
Goal 6: The moral habitude requisite	- exhibit behaviors and ethics in line with the	Measure 1:	Measure 1:	Measure 1:	Measure 1:

E. Evidence of Learning: **DENT 3336 Clinical Dental Hygiene III (Major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
<p>The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)</p>	<p><i>Students will.....</i></p>				
<p>for the effective performance of responsibilities within dental hygiene practice and within society</p>	<p>Professional Code of Ethics for Dental Hygiene</p>	<p>Students will demonstrate professional and ethical behavior in the clinic during patient treatment (Taleval® clinical evaluation system) and in all professional settings</p>	<p>Clinical course grade will reflect successful demonstration of these behaviors (Taleval® system)</p>	<p>Students successfully demonstrated ethical and professional behaviors</p>	<p>No curricular or pedagogical changes needed at this time</p>

E. Evidence of Learning: DENT 3337 Dental Hygiene III (Major course within Dental Hygiene)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will ...</i>				
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	- describe and demonstrate the necessary background knowledge of dental hygiene theory and related subjects as they apply to the practice of dental hygiene	Measure 1: Students will demonstrate professional communication skills with clinical faculty, peers and dental hygiene patients (Taleval® clinical evaluation system)	Measure 1: Students completed clinical requirements including all aspects of patient treatment and procedures Students pass with 75% or better; clinical evaluations by supervising faculty	Measure 1: : Successful transfer of didactic knowledge base to performance in the clinical setting	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: External Examination: National Board Exam and WREB Examination	Measure 2: : Successful completion of a National Board-the majority of the class receiving a score of 80% or above	Measure 2: Successful transfer of didactic knowledge base to performance in the clinical setting	Measure 2: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced,	- demonstrate advanced hand and ultrasonic instrumentation skills, knowledge of clinical	Measure 1: Weekly readiness assessments,	Measure 1: The majority of the class scored 90% or above on weekly	Measure 1: Successful transfer of didactic knowledge base to	Measure 1: No curricular or pedagogical changes

E. Evidence of Learning: DENT 3337 Dental Hygiene III (Major course within Dental Hygiene)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will ...</i>				
essential to the practice of dental hygiene	assessments, application of medicaments, desensitization methods, management of clinical medical emergencies	small group work with typodonts/dental models and instruments, module topic outlines in small group discussions, case studies, and group presentations	readiness assessments	performance in the clinical setting	are needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	- demonstrate the utilization of evidence based decision making, patient risk assessments, and patient assessments	Measure 1: Weekly readiness assessments or module outlines Small group discussions and group presentations	Measure 1: The majority of the class scored 90% or above on the weekly assessments	Measure 1: (Ex. Students successfully demonstrated competency and successful transfer of didactic knowledge into the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time
Goal 4: The theoretical bases, research and	- demonstrate knowledge of dental hygiene theory, understand the	Measure 1: Module readiness	Measure 1: The majority of students scored a 90% or	Measure 1: Students successfully	Measure 1 : Faculty agree to include review of

E. Evidence of Learning: DENT 3337 Dental Hygiene III (Major course within Dental Hygiene)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will ...</i>				
communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	foundations of research and it's dissemination, and build on communication skills with patients and peers	assessment, research topics related to patient care and communication and complete a group presentations in class	higher on weekly readiness assessment. Students successfully completed class presentations and submitted a written paper	demonstrated competence in research and it's dissemination, dental hygiene theory and clinical practice	transfer in all related courses; this outcome will be reassessed during next review
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	- demonstrate an understanding of the role of the American Dental Hygienists' Association in the profession and what leadership roles in the association are available to them. Students will participate in community service projects associated with the Student Association	Measure 1: Attendance at local and state Dental Hygiene Student Association meetings	Measure 1: Students participated in Student Association community service activities	Measure 1: Students completed reflective activities on Facebook, canvas system assignments and in classroom discussions	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
		Measure 2: Student attendance, participation in the Utah Dental Hygienists'	Measure 2: Students attended continuing education courses related to the	Measure 2: Students attended continuing education courses related to the	Measure 2: Faculty agree to include review of transfer in all related courses; this outcome will be

E. Evidence of Learning: **DENT 3337 Dental Hygiene III** (Major course within Dental Hygiene)

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	<i>Students will ...</i>				
		Association Annual Session and the Utah Dental Association Annual Session	profession of dental hygiene	profession of dental hygiene	reassessed during next review
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	- demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate professional and ethical behaviors with peers, patients and the public as they represent the dental hygiene profession	Measure 1: The didactic course grade will reflect successful demonstration of ethical and professional behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors in clinic, at community service projects, and in the educational setting	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 3346 Clinical Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	-Describe and demonstrate the necessary background knowledge of dental hygiene technique and skills and their relationship to the application of related clinical dental hygiene practice.	Measure 1: Complete clinical requirements, Process Evaluations and Mockboards (Taleval® clinical evaluation system)	Measure 1: The majority of the class accomplished the goal with a score of 90% or better	Measure 1: Students successfully demonstrated clinical skills and successfully passed clinical patient treatment	Measure 1: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	-demonstrate clinical skills related to patient treatment and the practice of dental hygiene	Measure 1 Students were evaluated in their clinic lab sessions; process evaluations (PE) on clinical skills, and Taleval® clinical evaluation system	Measure 1 Students successfully passed clinical patient treatment	Measure 1: Students successfully demonstrated competence in clinical skills needed to treat periodontal patients and adjunctive therapies	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
Goal 3: The reasoning and judgment skills	- demonstrate the ability to establish and follow	Measure 1 Students developed an appropriate	Measure 1: Students successfully passed	Measure 1: Students demonstrated	Measure 1:

E. Evidence of Learning: DENT 3346 Clinical Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
necessary to engage in problem-solving behavior	through with a dental hygiene treatment plan	treatment plan specific to each patient	clinical patient treatment	competence in developing and following an appropriate treatment plan	No curricular or pedagogical changes needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	- demonstrate competence in communication with patients and peers - demonstrate competence in all communication both written and verbal	Measure 1: Students will demonstrate thorough and correct charting procedures	Measure 1: Students completed patient treatment and charting procedures with minimal corrections	Measure 1: Students successfully demonstrated competence in charting and assessments	Measure 1: No curricular or pedagogical changes needed at this time
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental	- exhibit behaviors and ethics in line with the Professional Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate professional/ethical behavior in the clinic during patient treatment (Taleval® clinical	Measure 1: Clinical course grade will reflect successful demonstration of these behaviors (taleval® system)	Measure 1: Students successfully demonstrated ethical and professional behaviors	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3346 Clinical Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
hygiene profession and society		evaluation system) and in all professional settings			
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	- exhibit behaviors and ethics in line with the code of ethics for Dental Hygiene	Measure 1: Students will demonstrate professional and ethical behaviors in the clinic during patient treatment	Measure 1: Clinical course grade will reflect successful demonstration of these behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors	Measure 1: No curricular or pedagogical changes needed at this time

E. Evidence of Learning: DENT 3347 Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	- describe and demonstrate the necessary background knowledge of dental hygiene theory and related subjects as they apply to the practice of dental hygiene	Measure 1: Readiness assessments in class, module outlines, midterm and final assessments on ChiTester, and group presentations/projects	Measure 1: The majority of students scored 80% or better on readiness assessments and exams	Measure 1: Students successfully demonstrated a comprehensive understanding of the practice of dental hygiene.	Measure 1: Based on results of a few questions asked after the exams some questions were modified to be clearer and some questions were removed
		Measure 2: External Examination: National Board Examination for Dental Hygienists	Measure 2: Students successfully pass the exam above the national average	Measure 2: Successful completion of a National Board-the majority of the class receiving a score of 85% or above	Measure 2: No curricular or pedagogical changes are needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the	Learning Outcome: Students will demonstrate advanced hand and ultrasonic instrumentation skills, knowledge of clinical	Measure 1: Weekly readiness assessments, small group work with typodonts and instruments, module	Measure 1: The majority of the class scored 90% or above on weekly readiness assessments	Measure 1: Successful transfer of didactic knowledge base to performance in the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time

E. Evidence of Learning: DENT 3347 Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
practice of dental hygiene	assessments, application of medicaments, desensitization methods, management of clinical medical emergencies	outlines in small group discussions, case studies, and group presentations			
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	Learning Outcome: Students will demonstrate the utilization of evidence based decision making, patient risk assessments, and patient assessments	Measure 1: Weekly readiness assessments or module outlines Small group discussions and group presentations	Measure 1: The majority of the class scored 90% or above on the weekly assessments	Measure 1: Students successfully demonstrated competency and successful transfer of didactic knowledge into the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition,	Learning Outcome: Students will demonstrate knowledge of dental hygiene theory, understand the foundations of research and it's dissemination,	Measure 1: Module readiness assessment, research topics related to patient care and communication and	Measure 1: The majority of students scored a 90% or higher on weekly readiness assessment. Students	Measure 1: Students successfully demonstrated competence in research and it's dissemination,	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be

E. Evidence of Learning: DENT 3347 Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
advancement and dissemination of dental hygiene knowledge	and build on communication skills with patients and peers	complete a group presentations in class	successfully completed class presentations and submitted a written paper	dental hygiene theory and clinical practice	reassessed during next review
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	- demonstrate an understanding of the role of the American Dental Hygienists' Association in the profession and what leadership roles and what leadership roles in the association are available to them. - participate in community service projects associated with the Student Association	Measure 1: Attendance at Student Association meetings	Measure 1: Students participated in Student Association community service activities and community based learning projects	Measure 1: Students completed reflective activities on Facebook, in a journal or written reflective paper, as well as in classroom discussions	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
		Measure 2: Student attendance and participation in the Utah Dental Hygienists' Association Annual Session and the Utah Dental Association Annual Session	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 3347 Dental Hygiene IV (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	Learning Outcome: Students will demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene	Measure 1: The didactic course grade will reflect successful demonstration of ethical and professional behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors in clinic, at community service projects, and in the educational setting	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 4530 Evidence-based Dental Hygiene Practice (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	- describe and demonstrate the necessary background knowledge of dental hygiene theory and related subjects as they apply to the practice of dental hygiene	Measure 1: Readiness assessments in class, module outlines, drafts of research paper and group presentations/projects	Measure 1: Students scored 80% or better on readiness assessments and exams	Measure 1: Students successfully demonstrated a fundamental understanding of the research process in dental hygiene practice.	Measure 1: Based on results of a few questions asked after the exams some questions were modified to be clearer and some questions were removed
		Measure 2: External examinations: National Board Examination and WREB process of care examination	Measure 2: Successful completion of a National Board-the majority of the class receiving a score of 85% or above	Measure 2: Successful transfer of didactic knowledge to understanding of dental hygiene research	Measure 2: No curricular or pedagogical changes are needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	- demonstrate knowledge of clinical research assessments, application of research in decision making, effective review of scientific literature	Measure 1: Weekly readiness assessments, small group work discussions, case studies, and group presentations	Measure 1: The majority of the class scored 90% or above on readiness assessments	Measure 1: Successful transfer of didactic knowledge base to performance in the dental hygiene research setting	Measure 1: No curricular or pedagogical changes are needed at this time

E. Evidence of Learning: DENT 4530 Evidence-based Dental Hygiene Practice (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	-demonstrate the utilization of evidence based decision making, patient risk assessments, and patient assessments	Measure 1: Weekly readiness assessments or module outlines Small group discussions and group presentations	Measure 1: The majority of the class scored 90% or above on the weekly assessments	Measure 1: Students successfully demonstrated competency and successful transfer of didactic knowledge into the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Learning Outcome: Students will demonstrate knowledge of dental hygiene theory, understand the foundations of research and it's dissemination, and build on communication skills with patients and peers	Measure 1: Write draft of research: topic/question, formulating a hypothesis, providing a literature review, introduction and methodology	Measure 1: The majority of students scored a 90% or higher on assessment. Students successfully completed class presentations and submitted a draft of research/written paper	Measure 1: Students successfully demonstrated fundamental competence in research and it's dissemination, dental hygiene theory and clinical practice	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
Goal 5: The leadership and initiative	- demonstrate an understanding of the role of the American	Measure 1: Attendance at WSU SADHA	Measure 1: Students participated in	Measure 1: Students completed	Measure 1: No curricular or pedagogical

E. Evidence of Learning: DENT 4530 Evidence-based Dental Hygiene Practice (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	Dental Hygienists' Association in the profession and in the association is. - participate in community service projects associated with the Student Association	/Student Association meetings	Student Association community service activities and community based learning projects	reflective activities on in a weekly log and written reflective paper	changes are needed at this time
		Measure 2: Student attendance and participation at the Utah Dental Hygienists' Association Annual Session and the Utah Dental Association Annual Session	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	Learning Outcome: Students will demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene; clinic and research ethics	Measure 1: Students will demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene and National Institutes for Health Ethics in Research	Measure 1: The didactic course grade will reflect successful demonstration of ethical and professional behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors in clinic, at community service projects,	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 4530 Evidence-based Dental Hygiene Practice (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
				and in the educational setting	

E. Evidence of Learning: DENT 4890 Advanced Clinical/Community Work Experience (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive	Learning Outcome: Students will describe and demonstrate the necessary background knowledge of dental hygiene theory and related subjects as they	Measure 1: Quizzes and final examination (Chitester)	Measure 1: Students scored 80% or better on quizzes and exam	Measure 1: Students demonstrated a comprehensive understanding of the practice of dental hygiene.	Measure 1: No changes are needed at this time

E. Evidence of Learning: DENT 4890 Advanced Clinical/Community Work Experience (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
understanding of dental hygiene practice	apply to the practice of dental hygiene	Measure 2: External examination: National Board Examination	Measure 2: Students successfully passed the community dental health/public health section of the exam	Measure 2: Successful completion of a National Board-the majority of the class receiving a score of 85% or above	Measure 2: No curricular or pedagogical changes are needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	-demonstrate instrumentation skills, knowledge of clinical assessments, application of medicaments, desensitization methods, management of clinical medical emergencies	Measure 1: Reflective weekly logs, final reflective paper, and Taleval® clinical evaluation system	Measure 1: The majority of the class scored 80% or above on the clinical evaluation system	Measure 1: Successful transfer of didactic knowledge base to skill performance	Measure 1: No curricular or pedagogical changes are needed at this time
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	- demonstrate the utilization of evidence based decision making, patient health assessments, and patient assessments	Measure 1: Taleval® clinical evaluation system	Measure 1: The majority of the class scored 80% or above on Taleval® clinical evaluation system	Measure 1: Students successfully demonstrated competency and successful transfer of didactic	Measure 1: No curricular or pedagogical changes are needed at this time

E. Evidence of Learning: DENT 4890 Advanced Clinical/Community Work Experience (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
				knowledge into the clinical setting	
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge	Learning Outcome: Students will demonstrate knowledge of dental hygiene theory, understand the foundations of research and it's dissemination, and build on communication skills with patients, peers and other professionals	Measure 1: Taleval® clinical evaluation system, community outreach activities in the dental hygiene clinical setting	Measure 1: The majority of students scored a 90% or higher on the Taleval® clinical evaluation system	Measure 1: Students successfully demonstrated competence in evidence based dental hygiene decision making, research and its use in dental hygiene theory and clinical practice	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental	- demonstrate an understanding of the role of the American Dental Hygienists' Association in the profession and what leadership roles and what leadership roles in the association are available to them.	Measure 1: Attendance at Student Association meetings	Measure 1: participated in community service activities and community based learning projects	Measure 1: Students completed reflective log, and written reflective paper	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review. This is a continuing evaluation.

E. Evidence of Learning: DENT 4890 Advanced Clinical/Community Work Experience (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
hygiene profession and society	- participate in community service projects associated with the Student Association	Measure 2: Student attendance and participation in the Utah Dental Hygienists' Association Annual Session and the Utah Dental Association Annual Session	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	-demonstrate behavior and decision-making in manner that includes reference to the Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene	Measure 1: The didactic course grade will reflect successful demonstration of ethical and professional behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors in clinic, at community service projects, and in the educational setting	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 4780 Baccalaureate Thesis/Capstone Course (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	- describe and demonstrate the necessary background knowledge of dental hygiene theory and related subjects as they apply to the practice of dental hygiene	Measure 1: Readiness assessments in class, module outlines, midterm and final assessments on ChiTester, and group presentations/projects	Measure 1: The majority of students scored 80% or better on readiness assessments and exams	Measure 1: Students successfully demonstrated a comprehensive understanding of the practice of dental hygiene. Successful completion of a National Board-the majority of the class receiving a score of 85% or above	Measure 1: Based on results of a few questions asked after the exams some questions were modified to be clearer and some questions were removed
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	-will demonstrate advanced hand and ultrasonic instrumentation skills, knowledge of clinical assessments, application of medicaments,	Measure 1: Weekly readiness assessments, small group work with typodonts and instruments, module outlines in small group discussions, case	Measure 1: The majority of the class scored 90% or above on weekly readiness assessments	Measure 1: Successful transfer of didactic knowledge base to performance in the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time

E. Evidence of Learning: DENT 4780 Baccalaureate Thesis/Capstone Course (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
	desensitization methods, management of clinical medical emergencies	studies, and group presentations			
		Measure 2:	Measure 2:	Measure 2:	Measure 2:
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	-demonstrate the utilization of evidence based decision making, patient risk assessments, and patient assessments	Measure 1: Weekly readiness assessments or module outlines Small group discussions and group presentations	Measure 1: The majority of the class scored 90% or above on the weekly assessments	Measure 1: Students successfully demonstrated competency and successful transfer of didactic knowledge into the clinical setting	Measure 1: No curricular or pedagogical changes are needed at this time
		Measure 2:	Measure 2:	Measure 2:	Measure 2:
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition,	-demonstrate knowledge of dental hygiene theory, understand the foundations of research and it's dissemination,	Measure 1: Module readiness assessment, research topics related to patient care and communication and	Measure 1: The majority of students scored a 90% or higher on weekly readiness assessment. Students	Measure 1: Students successfully demonstrated competence in research and it's dissemination,	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be

E. Evidence of Learning: DENT 4780 Baccalaureate Thesis/Capstone Course (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
advancement and dissemination of dental hygiene knowledge	and build on communication skills with patients and peers	complete a group presentations in class	successfully completed class presentations and submitted a written paper	dental hygiene theory and clinical practice	reassessed during next review
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	- demonstrate an understanding of the role of the American Dental Hygienists' Association in the profession and what leadership roles and what leadership roles in the association are available to them. - participate in community service projects associated with the Student Association	Measure 1: Attendance at Student Association meetings	Measure 1: Students participated in Student Association community service activities and community based learning projects	Measure 1: Students completed reflective activities on Facebook, in a journal or written reflective paper, as well as in classroom discussions	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
		Measure 2: Student attendance and participation in the Utah Dental Hygienists' Association Annual Session and the Utah Dental Association Annual Session	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Students attended continuing education courses related to the profession of dental hygiene	Measure 2: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

E. Evidence of Learning: DENT 4780 Baccalaureate Thesis/Capstone Course (Major course)					
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*			
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	-demonstrate behaviors and ethics in line with the Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate behaviors and ethics consistent with the Code of Ethics for Dental Hygiene	Measure 1: The didactic course grade will reflect successful demonstration of ethical and professional behaviors	Measure 1: Students successfully demonstrated ethical and professional behaviors in clinic, at community service projects, and in the educational setting	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review
		Measure 2:	Measure 2:	Measure 2:	Measure 2:

G. Evidence of Learning: High Impact or Service Learning

Evidence of Learning: High Impact Service Learning					
Program Learning Goal	Measurable Learning Outcome	Method of Measurement	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
Students will...	Students will...	Direct and Indirect Measures*			
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	-demonstrate their understanding of dental hygiene practice	Measure 1: Quizzes, discussions, planning sessions for community projects	Measure 1: Students scored 80% or better on quizzes, all participated in planning sessions with discussion	Measure 1: Successful transfer of didactic knowledge base to performance in the clinical setting	Measure 1: No curricular or pedagogical changes needed at this time
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	-facilitate community dental health programs	Measure 1: quantitative and qualitative analysis performed by students, with final report authored by students	Measure 1: successful projects and scores of 90% or above on the final reports	Measure 1: Students successfully demonstrated competence	Measure 1: Faculty will review of transfer in all related courses; this outcome will be reassessed during next review
Goal 5: The leadership and initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	-function as the facilitators in community dental health programs	Measure 1: Participation in planning, assessing programs	Measure 1: Students participated in Student Association community service activities and community based learning projects	Measure 1: Students completed reflective activities on Facebook, in a journal or written reflective paper, as well as in classroom discussions that	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

Evidence of Learning: High Impact Service Learning					
Program Learning Goal	Measurable Learning Outcome	Method of Measurement	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
Students will...	Students will...	Direct and Indirect Measures*			
				demonstrated learning	
Goal 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	-facilitate community dental health programs	Measure 1: Participation in planning, assessing programs	Measure 1: all students participated in service activities	Measure 1: Students completed reflective activities on Facebook, in a journal or written reflective paper, as well as in classroom discussions that demonstrated learning	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: External Examination: National Board Examination and WREB examination	Measure 2: All students passed the National Board exam in community dental health sections	Measure 2: Students demonstrated competence and understanding of community service concepts	Measure 2: No curricular or pedagogical changes needed at this time

H. **Summary of Artifact Collection**

Core Courses in Department/Program	Summary of Artifact Collection
DENT 2201 Concepts of Community Dental Health (1 cr)	Quizzes (electronic archive), written group assignment and grading rubric, Midterm and Final Examinations (Chitester)
DENT 2205 Head, Neck and Dental Anatomy (2 cr)	quizzes (electronic copies), Six examinations throughout the semester (Chitester), photographs of skull labeling project (electronic copy)
DENT 2206 Clinical Dental Hygiene I/Radiology (4 cr)	Process Evaluations (electronic storage) for DENT 2206, Patient chart review assignment, taleval system of student evaluation in a clinical setting.
DENT 2207 Dental Hygiene I (3 cr)	Weekly quizzes, faculty observation and evaluation; using Process Evaluations and use of the taleval® system of student evaluation in a clinical setting, Case Study assignment (electronic and printed versions)
DENT 2208 Radiology (2 cr)	Seven examinations (Chi-tester), Process Evaluations, adherence to standards in Student Handbook, National Board Examination results (printed reports)
DENT 2211 Oral Pathology (3 cr)	Adherence to the standards of the Dental Hygiene Program Student Handbook, National Board Examination scores, Western Regional Examination for Dental Hygiene, Process evaluations for techniques & clinical evaluation competencies, 4 examinations through the semester
DENT 2215 Periodontology (2 cr)	Three major examinations on Chi-tester were required to demonstrate competency, Formal presentation of assignment (written assignment criteria & rubric are used in the evaluation), National Board Examination scores, WREB process of care examination, WREB dental hygiene examination.
Dent 2216 Clinical Dental Hygiene II (3 cr)	Direct observation of skills, direct observation of student/patient interactions (evaluation based on taleval® criteria), completed patient chart, direct observation of skills pertaining to oral hygiene instruction and prevention of oral disease, Demonstration of Process Evaluations relative to patient treatment (electronic copies),
DENT 2217 Dental Hygiene II (3 cr)	Table clinic presentation, individual student reports: taleval® clinical evaluation system, weekly quizzes, case study
DENT 2235 Dental Medicine I (2 cr)	Taleval® clinical evaluation system individual student reports, 2 computer-based written exams, case history reports to recognize disease, the associated medications, and the current medical treatment options, external examinations

DENT 2250 Professional Ethics (1 cr)	writing assignment, student authored ethical dilemma using a decision making model & presentation to peers, external examinations: National Board exam and WREB board exam
DENT 3301 Community Dental Health Service Learning (1 cr)	participation in community program for elementary school students; assessment, diagnosis, planning, implementation, evaluation and identify of strategies for improvements, data from cooperative learning programs, external examination scores, post-graduation survey focus on community involvement and volunteerism.
DENT 3305 Dental Medicine II (3 cr)	Process Evaluations for Local Anesthesia (clinical techniques), individual student reports from Taleval® clinical grading system, Chitester computerized examinations, quizzes
DENT 3336 Clinical Dental Hygiene III (4 cr)	individual student reports in Taleval® clinical evaluation system, examples of patient charts, quality assurance; patient chart reviews, logs of student organization WSU SADHA activities (hours), periodontal patient case study report presentation
DENT 3337 Dental Hygiene III (3 cr)	Artifacts: WSU SADHA report of activities and service hours, readiness assessments (quizzes, writes), Midterm, Final Exams (Chitester), Case Study reports
DENT 2219 Dental Materials (1 cr)	Three written, computer-based examinations, two laboratory experiences/exercises, external examinations: National Board Examination and WREB examination
DENT 3346 Clinical Dental Hygiene IV (4 cr)	individual student reports in Taleval® clinical evaluation system, examples of patient charts, quality assurance; patient chart reviews, logs of student organization WSU SADHA activities (hours)
DENT 3347 Dental Hygiene IV (2 cr)	examples of resumes, cover letters, employment contracts, periodontal patient case study report presentations
DENT 4530 Evidence-based Dental Hygiene Practice (2 cr)	Initial draft of thesis paper; up to and including the methodology section. IRB approval has been received and data collection, management and evaluation is planned for the following semester (DENT 4780 Thesis/Capstone)

DENT 4890 Advanced Clinical/Community-based Work Experience (2 cr)	Journal (Log) of experiences Reflective journaling format Final paper summarizing experience and rubric
DENT 4780 Baccalaureate Capstone – Thesis Project	Drafts of papers and evaluation rubric Drafts of paper and evaluation rubric Final Thesis paper and evaluation rubric Poster presentation of research findings
Post-Graduation Outcomes Assessment Procedures	Artifacts: Post Graduation from the Dental Hygiene Department
<p>10 months post-graduation: survey sent to graduates; graduates are asked to provide employers' contact information for employers' survey)</p> <p>Graduate Employer's Survey: survey sent to graduate's employer's to assess their satisfaction with the graduate, as an employee</p> <p>Multi-year graduate survey: Annual survey distributed to graduates in 5 year intervals; querying education, employment and career satisfaction, along with their level of professional and community involvement</p>	<p>Survey data collected Annually in Feb- March, data analysis and reports completed in June.</p> <p>On file at the Dental Hygiene Department, electronic and paper copies.</p>

Title 1 school dental health program; dental screenings and sealant clinics for 1 and 2 graders, Head Start Fluoride varnish program, Youth Impact dental education programs, Community health fairs in Weber and Davis counties, outreach to High Schools through AHEC partnerships and others.

b. Evidence of Learning: High Impact or Service Learning

This is an optional section. If you provide students with high impact or service learning opportunities you may briefly describe those opportunities and explain how you assess their impact on student learning. This [excerpt](#) from George D. Kuh provides a brief overview of high-impact practices.

High Impact Learning Aspects of Curriculum:

Dental Hygiene is primarily a knowledge and technical skill discipline. Through the interdisciplinary nature of the Dumke College of Health Professions, the Dental Hygiene Program offers students opportunities to (a)

a. Receive upper division elective credit for Study Abroad experiences that explore diversity, culture, health care and/or language. To date, Dental Hygiene student experiences have included: Guatemala S.A., Costa Rica, Ghana Africa, China (Study of Healthcare and Culture in China (2007-current); participants totaled approximately 20 students which have been influential in generating SCH and increased number of Baccalaureate degrees with the Dental Hygiene Major.

b. DENT 4780 Baccalaureate Thesis/Capstone. This course offers students the opportunities either to participate directly in applied clinical research, work as an interdisciplinary student group incorporating research to include other students at WSU (for example, laboratory science methodologies).

c. The American Dental Hygienists' Association national, regional and local meetings and on-campus Undergraduate Research Symposia provide students with opportunities to present their research through formal presentations and share findings with the department, campus and community.

Community Involvement and Service Learning:

DENT 3301 CBL Community Service Learning Lab (1 cr) and DENT 3336, DENT 3337 CBL Dental Hygiene III are courses that have obtained the CBL designation. Projects for these classes include community partners: Youth Impact, YCC (your community connection) Head Start Program, and others.

The projects' impact on learning is through their reflective journaling and capstone paper that summarizes their experiences and its impact on themselves as a person, first and as a dental hygienist professional. The results have revealed learning in cultural awareness, increased knowledge of community needs and how a dental hygienist can be part of the solution through coalition building in Interprofessional settings.

c. **Evidence of Learning: General Education Courses - Our department does not have any Gen Ed courses**
 (Area-specific EOL grids can be found at [http://weber.edu/oie/Complete Rubrics.html](http://weber.edu/oie/Complete_Rubrics.html); they can replace this page.)

Evidence of Learning: General Education Area [fill in]					
Measurable Learning Outcome	Method of Measurement	Threshold for Evidence of Student Learning	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
Students will...					

*At least one measure per objective must be a direct measure; indirect measures may be used to supplement direct measure(s).

Additional narrative (optional – use as much space as needed):

G. Summary of Artifact Collection Procedure

Artifact	When/How Collected?	Where Stored?
(i.e. Final Project Rubric)	(i.e. end of semester)	(i.e. electronic copies)
(i.e. Chi Tester Outcome Report)	(i.e. 2-3 times per semester)	(i.e. electronic format, chi tester warehouse)

Summary Information (as needed)

Appendix A

Not applicable at this time.

Most departments or programs receive a number of recommendations from their Five-Year Program Review processes. This page provides a means of updating progress towards the recommendations the department/program is acting upon.

Date of Program Review: ####	Recommendation	Progress Description
Recommendation 1	Text of recommendation	#### +1 progress
		#### +2 progress
		#### +3 progress
		#### +4 progress
Recommendation 2	Text of recommendation	#### +1 progress
		#### +2 progress
		#### +3 progress
		#### +4 progress
Recommendation 3	Text of recommendation	#### +1 progress
		#### +2 progress
		#### +3 progress
		#### +4 progress
(add as needed)		

Additional narrative:

The last program review for professional accreditation was 2010. Currently, we are in the self-study process for fall and spring semesters with a site visit scheduled for September 2017.

Appendix B

Please provide the following information about the full-time and adjunct faculty contracted by your department during the last academic year (summer through spring). Gathering this information each year will help with the headcount reporting that must be done for the final Five Year Program Review document that is shared with the State Board of Regents.

Faculty 2015-16	
Headcount	
With Doctoral Degrees (Including MFA and other terminal degrees, as specified by the institution)	
Full-time Tenured	0
Full-time Non-Tenured (includes tenure-track)	0
Part-time and adjunct	2
With Master's Degrees	
Full-time Tenured	4
Full-time Non-Tenured	1
Part-time and adjunct	2
With Bachelor's Degrees	
Full-time Tenured	
Full-time Non-tenured	
Part-time and adjunct	10
Other	
Full-time Tenured	
Full-time Non-tenured	
Part-time	
Total Headcount Faculty	
Full-time Tenured	4
Full-time Non-tenured	1
Part-time	14

Please respond to the following questions.

- 1) Based on your program's assessment findings, what subsequent action will your program take?

The assessment findings are derived from several sources. The program's advisory committee provides information and feedback to the faculty, as well as, surveys of past graduates and recently graduating seniors and employers of recent graduates. The assessment findings guide our curriculum changes and updates. For example, we have sought out sources of funding for increasing the technologies that are taught and learned by the students as they treat clinical patients. These include the use of the diode laser in periodontal treatment, Cone-beam computerized tomography (CBCT) and 3-D imaging; taking the image and interpreting its findings, and advanced computerized patient assessment, treatment and financial information to assure that our graduates will have the skills to be successful. Inter-professional education is at the forefront in healthcare and we are working toward that learning and practice environment. The CBCT project has established learning opportunities for our students where radiologic science faculty and dental hygiene faculty co-teach classes and labs. The department is planning to expand our student clinical experiences to parallel the dental hygienists' supervisory law that has recently changed. Within the public health sector, dental hygienists can provide treatment to patients without a dentists' supervision as long as the treatment is within the scope of dental hygiene practice.

Curriculum changes/updates include information on dental billing and dental insurance coding for payment, increased focus on employment processes; resumes, portfolios, interviewing and how employment benefits factor into their success.

- 2) We are interested in better understanding how departments/programs assess their graduating seniors. Please provide a short narrative describing the practices/curriculum in place for your department/program. Please include both direct and indirect measures employed.

The Dental Hygiene program curriculum is lock-step with each course building on the last semester's coursework. Every semester of the program there are didactic and clinical courses that outcomes are assessed in each course, using both formative and summative methods.

Three of the didactic courses include the 'flipped classroom' design in their methods of facilitating learning. Other courses are using pieces of this course design, but in lesser quantity. The formative assessments include the readiness assessments of pre-

class quizzes, reading – overall readiness for the class content and discussion. Summative evaluation includes the final projects (oral and written class presentations, written papers, computer-based format of final examinations).

Clinic courses are lock-step in nature and are continuous through the 4 semester program. The initial course, semester 1, is a lab course that introduces the clinical work of a dental hygienist, step by step. The students practice their processes on mannequins and on their peer-lab partner. For each skill, there is a Process Evaluation (PE) that the student is responsible for 'passing' through demonstration and verbalizing the steps involved in the process. The process evaluations continue to increase in number as the student learns more skills and their competency is tested by demonstrating processes during patient treatment (semesters 2,3,4). Semesters 3 and 4 have mock board examinations three separate clinic days where students follow the procedures for their licensing board examination for their patient treatment and are evaluated using the rubric that follows the licensing exam.