

Weber State University  
Biennial Report on Assessment of Student Learning

Cover Page

Department/Program: Dental Hygiene Department/Dental Hygiene Program  
Academic Year of Report: 2021/22  
Date Submitted: 11/12/21  
Report author: Frances McConaughy, Dept. Chair

Contact Information:

Phone: (801) 626-6130

Email: [fmconoughy@weber.edu](mailto:fmconoughy@weber.edu)

**A. Brief Introductory Statement: I can't see this & the link below doesn't work**

Please review the Introductory Statement and contact information for your department or academic program 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.

**Information is current; no changes required.**

Update if not current:

**B. Mission Statement**

Please review the Mission Statement for your department or academic program displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html> - if the mission statement is current, please place an 'X' below.; If the information is not current, please provide an update:

**Change**

**:New Mission statement**

The mission of the Department of Dental Hygiene is to provide an inclusive education environment in preparing a diverse workforce of oral health care providers that can meet the needs and improve the oral health and general well-being of our local, national and global communities.

**C. Student Learning Outcomes**

Please review the [Student Learning Outcomes](#) for your academic program displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html>. In particular, review in light of recent strategic reporting and indicate any needed updates. If the outcomes are current, mark below.

**Information is current; no changes required.**

Update if not current:

**D. Program and Contact Information**

E. Assessment Plan--We'll need to review, I'm not sure how this is different from the assessments on the Evidence of learning, unless they just want a brief narrative of the overall assessment, CODA accreditation, other?

F. Student Achievement, needs data on degree/credits, I've sent email to OIE for the data.

**D-1. Curriculum-**

*“A collection of courses is not a program. A curriculum has coherence, depth, and synthesis.”*

(Linda Suskie; presentation at NWCCU Assessment Fellowship, June 19, 2019)

Please review the [Curriculum Grid](#) for your department or academic program displayed on the assessment site:

<http://www.weber.edu/portfolio/departments.html>.

Indicate in the curriculum grid where graduating student performance is assessed for each program outcome. In the ‘additional information’ section, please provide information about these assessments (e.g., portfolios, presentations, projects, etc.) This information will be summarized at the college and institutional level for inclusion in our NWCCU reporting on student achievement.

Curriculum Map Format

	<u>Department/Program Learning Outcomes</u>						
	<u>Learn ing Outco me 1</u>	<u>Learn ing Outco me 2</u>	<u>Learn ing Outco me 3</u>	<u>Learn ing Outco me 4</u>	<u>Etc...</u>		
Courses in Department/Program							


*Note<sup>a</sup>*: 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<sup>b</sup>*: Rows and columns should be transposed as required to meet the needs of each individual department

Additional Information (details about graduating student assessment):

**D-2. High Impact Educational Experiences in the Curriculum**

In response to the recent USHE requirement that all students have at least 1 HIEE in the first 30 credit hours and 1 HIEE in the major or minor we are asking programs to map HIEEs to curriculum using a traditional curriculum grid. This helps demonstrate how and where these goals are accomplished.

Courses	Department/Program use of High Impact Educational Experiences						
	<u>Clinic Experience</u>	<u>Community-Engaged Learning</u>	<u>Career Development Experience</u>	<u>Capstone</u>	<u>Evidenced Based Learning</u>		
<u>DENT 2208</u>	<u>X</u>						
<u>DENT 2216</u>	<u>X</u>	<u>X</u>	<u>X</u>				
<u>DENT2217</u>		<u>X</u>	<u>X</u>				
<u>DENT 3301</u>		<u>X</u>	<u>X</u>				
<u>DENT 3336</u>	<u>X</u>	<u>X</u>	<u>X</u>				
<u>DENT 3346</u>	<u>X</u>	<u>X</u>	<u>X</u>				
<u>DENT 3337</u>		<u>X</u>	<u>X</u>				
<u>DENT 3347</u>		<u>X</u>	<u>X</u>				
<u>DENT 4780</u>				<u>X</u>			
<u>DENT4530</u>					<u>X</u>		

HIEEs include capstone courses or experiences, community-engaged learning, evidence-based teaching practices, internships, project-based learning, study abroad/away, supplemental instruction, team-based learning, undergraduate research, pre-professional/career development experiences.

Additional information (HIEE planning, assessment, or other information):

### E. Assessment Plan

Please update the Assessment Plan for your department displayed on the assessment site: <http://www.weber.edu/portfolio/departments.html>. Keep in mind that reporting will be done biennially instead of annually; that should be reflected in your assessment plan. Please ensure that Gen Ed courses are assessed/reported at least twice during a standard program review cycle.

A complete plan will 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.), and plans for continuous improvement.

Assessment plan:

	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
<b>DENT 2201</b> Concepts of Community Oral Health (Didactic)		review			review		review
<b>DENT 2205</b> Head/Neck/Dental Anatomy (Didactic)		review			review		review
<b>DENT 2206</b> Clinical Dental Hygiene I/Rad (Clinic/Lab)	review			review			review
<b>DENT 2207</b> Dental Hygiene I (Didactic)	review			review			review
<b>DENT 2208</b> Radiology (Didactic)	review			review			review
<b>DENT 2250</b> Professional Ethics (Didactic)		review			review		review
<b>DENT 2211</b> Oral Pathology (Didactic)		review			review		review
<b>DENT 2215</b> Periodontology (Didactic)		review			review		review
<b>DENT 2216</b> Clinical Dental Hygiene II (Clinic)		review		review			review
<b>DENT 2217</b> Dental Hygiene II (Didactic)		review		review			review
<b>DENT 2235</b> Dental Medicine I (Didactic)	review					review (started)	review (completed)

<b>DENT 2219</b> Dental Materials (Didactic/Lab)	review			review			review
<b>DENT 3305</b> Pain Management		review			review		review
<b>DENT 3336</b> Clinical Dental Hygiene III (Clinic)			review			review	
<b>DENT 3337</b> Dental Hygiene III (Didactic)			review			review	
<b>DENT3347</b> DH IV			review				review
<b>DENT3346</b> DH IV Clinical			review				review

**\*Covid interruptions in 2020-2021**

**On-going Assessment Plan with Curriculum Review**

On a three-year on-going schedule, courses will be presented by the individual teaching faculty to the department curriculum committee. The course goals, objectives, competencies and assessments will be reviewed.

Annually, curriculum review is part of the major department meetings pre-fall semester, end of fall semester and end of spring semester. Curriculum review includes: course content, evidence-based literature, examples of experiences with patient treatment, projects that demonstrate growth in learning to a level representative of a graduating dental hygiene student; Chi Tester assessment data, data from Dental Hygiene licensure examinations (Western Regional Examining Board (WREB)) and the American Dental Association Commission on Dental Accreditation written examination). Post graduation: students are surveyed to gather information and employers of our recent graduates are surveyed for additional feedback.

**F. Student Achievement**

Percent of students completing degrees after 90 credit hours within 2 years: Over the last several years, the majority of students (actually 100%) graduated on time . Those in 20/21 have not yet graduated.



# Undergraduate Program Review

## Time to Baccalaureate Degree From 90 Credit Hours

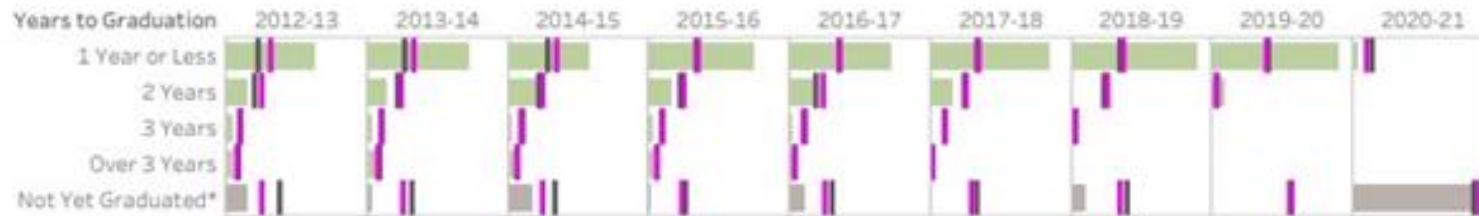
Program Review Unit  
Dental Hygiene

Data as of: 11/15/21 2:05 AM

### Time to Baccalaureate Degree from 90 Credit Hour Mark

View Comparisons?  
Yes

Light gray & green bars are department percentages. Dark Gray benchmark bars indicate college percentage. Fuchsia benchmark bars indicate university percentage. If the light gray or green bar passes the benchmark lines, then that measure is performing above what your college and/or university is producing.



### 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) learning outcome being assessed, 2) method(s) of measurement used, 3) threshold for ‘acceptable – that is, the target performance, 4) actual



results of the assessment, 5) interpretation/reflection on findings 6) the course of action to be taken based upon the interpretation, and 7) how that action will be evaluated.

A. Evidence of Learning: Courses within the Major-

**Evidence of Learning: Goals, Learning Outcomes, Measurement, Interpretation of Findings & Action Plan/Use of results**

<b>DENT 2201 Concepts of Community Dental Health (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation /Reflection of Findings</i>	<i>Action Plan/Use of Result/Closing the Loop</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"> <li>•Describe the history and progress of the nation’s department of public health and dental public health</li> <li>•Report on the outcomes and findings of the Surgeon’s General Report on Oral Health in America: Defining Challenges for the Future (2000)</li> </ul>	Measure 1: in class written quizzes (1 per topic) and in-class discussion	The target performance for all goals is 80% or higher	Measure 1: 95% of students scored 80% or better on all quizzes	Measure 1: 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 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 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  <b>**Need to remove this, has not been implemented since S. Bossenberger left</b>	•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 outcomes and identify strategies for improvements	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 , 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		Measure 2: Students passed the community dental health section/questions	Measure 2: Students demonstrate mastery in	Measure 2: No curricular or pedagogical changes needed at this time

		(comprehensive written examination)		on the National Board Exam	external examinations	
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 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	Learning Outcome •Demonstrate a working knowledge of the U.S. Dental Care Delivery and Managed Care systems and	Measure 1: Students were required to develop a community dental health program		Measure 1: All students demonstrated competence and appropriate knowledge of community dental	Measure 1: Students successfully demonstrated competence; judgment, reasoning and	Measure 1: No curricular or pedagogical changes needed at this time

profession and society	identify those programs at the state level that are in place to aid in access to dental health care	and present their plan in class		health program development , implementation, assessment and evaluation	appropriate problem-solving skills	
	<ul style="list-style-type: none"> <li>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</li> </ul>	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	<ul style="list-style-type: none"> <li>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</li> </ul>	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

<b>DENT 2205 Head and Neck Anatomy (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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"> <li>•be able to identify the normal dentition and its anatomical landmarks</li> <li>• properly label a human skull and be able to support or justify the labeling in an oral presentation to the instructor</li> <li>•Answer questions concerning the different sections discussed in anatomy class</li> </ul>	Measure 1: Students will be able to identify the normal dentition and its anatomical landmarks	The target goal is 80% or higher	Measure 1: The majority of the class accomplished the goal by achieving a 90% or greater score	Measure 1: Students successfully demonstrated knowledge and interpretation skills	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Score earned by proper identification of structures and answering questions correctly	The target goal is 80% or higher	Measure 2: The majority of the class accomplished the goal by achieving a 90% or greater score	Measure 2: Students successfully demonstrated knowledge and interpretation skills. Students showed mastery of labeling the model human skull	Measure 2: No curricular or pedagogical changes needed at this time
		Measure 3: Students will take 5 test throughout the semester	The target goal is 80% or higher	Measure 3: All tests are given through ChiTester. Students passed	Measure 3: Students demonstrate knowledge	Measure 3: Based on the results of a few questions asked in the test

		concerning the different sections taught Midterm and Final Examination (Chitester)		examinations at 88% or higher combined score	mastery on internal examinations.	some questions were modified to be clearer, and some questions were removed from the tests.
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	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target goal is to pass at a 75% or higher	Measure 1: Students passed the head and neck and dental 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
		Measure 2: Successfully pass sequential clinical courses that follow this course	The target goal is not measured by score but rather ability to perform with minimum faculty instruction.	Measure 2: Students use course knowledge in clinical courses	Measure 2: Students demonstrated competence; transfer of knowledge into advanced dental hygiene courses	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	The target goal is not measured by score but rather ability to perform with minimum faculty instruction.	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

		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target goal is to pass at a 75% or higher	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	The target goal is 80% or higher	Measure 1: All students scored 80% or better on quizzes	Measure 1: (Ex. Students successfully demonstrated knowledge and application to fundamental dental hygiene	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target goal is to pass at a 75% or higher	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
		Measure 3: Six examinations throughout the semester (ChiTester)	The target goal is 80% or higher	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	• Students will identify	Measure 1:	The target goal is 80% or higher	Measure 1: All students passes	Measure 1: Students	Measure 1: Faculty to include review of

initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	anatomical structures associated with cranial and dental anatomy related to dental hygiene practice	class written quizzes (1 per topic) and in-class discussion with free-write exercises		quizzes and writing assignments at 90% or better	successfully demonstrated knowledge and application to dental hygiene practice scenarios	transfer in all related courses; this outcome will be reassessed during next review
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target goal is to pass at a 75% or higher	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 6: The moral habitude requisite for the effective performance of responsibilities within dental hygiene practice and within society	• answer comprehensive questions concerning the topics/sections presented in anatomy class	Measure 1: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target goal is to pass at a 75% or higher	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

<b>DENT 2206 Clinical Dental Hygiene I (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</i>
The specific goals of the dental hygiene program are to	Students will...	Direct and Indirect Measures*				



provide students with the (Goals 1-6)						
<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/Closing the Loop</i>
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	<ul style="list-style-type: none"> <li>•Understand the concepts of infection control measures during patient treatment.</li> <li>•Understand the difference between normal and unhealthy tissues and how to formulate a dental hygiene diagnosis specific to the patients' needs</li> <li>•Follow proper infection control standards during patient treatment.</li> <li>•Correctly assess and record vitals, health histories, head and neck exams, and oral exams, and dental and periodontal exams.</li> </ul>	<p>Measure 1: Satisfactorily complete Process Evaluations (PE) that outline specific skills necessary for dental hygiene practice</p> <p>Measure 1: Direct observation of skills; evaluated on Taleval® computerized evaluation system.</p>	<p>The target goal is 80% or higher</p> <p>The target goal is 80% or higher</p>	<p>Measure 1: All students successfully passed PE's.</p> <p>Measure 1: All students successfully demonstrated technical skills.</p>	<p>Measure 1: Students successfully demonstrated fundamental competence</p> <p>Measure 1: Students successfully demonstrated competence</p>	<p>Measure 1: No curricular or pedagogical changes needed at this time.</p> <p>Measure 1: No curricular or pedagogical changes needed at this time.</p>

	<ul style="list-style-type: none"> <li>•Identify healthy and unhealthy tissues.</li> <li>•Teach the etiology and prevention of dental disease to a dental hygiene peer/patient</li> <li>•Demonstrate hand instrumentation using a variety of instruments while using proper body ergonomics</li> </ul>					
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	<ul style="list-style-type: none"> <li>•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.</li> <li>•Relate the oral hygiene diagnosis to the patient in such a way as to motivate change.</li> </ul>	Measure 2: Demonstration of PE's pertaining to patient treatment	The target goal is 80% or higher	Measure 2: All students successfully passed off pertinent PE's	Measure 2: Students successfully demonstrated competence	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 1: Answer questions on the Process Evaluation (PE).	The target goal is 80% or higher	Measure 1: All students successfully passed PE's	Measure 1: Students demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.

		Measure 2: Direct observation of problem-solving skills as outlined on the Process Evaluations.	The target goal is 80% or higher	Measure 2: All students demonstrated problem-solving skills	Measure 2: Students successfully demonstrated competence	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	•Engage the patient in the educational process related to improving health.	Measure 1: PE's pertaining to oral hygiene instruction and prevention of oral disease.	The target goal is 80% or higher	Measure 1: All students successfully passed pertinent PE's.	Measure 1: Students successfully demonstrated competence	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 hygiene profession and society 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. •Create a treatment plan which includes assessment, the dental hygiene diagnosis, creating a treatment plan, informed consent, aspects of primary prevention and secondary prevention, and non-surgical treatment of	Measure 1: Attendance, timeliness, professional demeanor towards peers and instructors.	The target goal is 80% or higher	Measure 1: All students successfully demonstrated professionalism	Measure 1: Students successfully demonstrated competence	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 1: Submission of completed patient chart.	The target goal is 80% or higher	Measure 1: All students successfully completed and turned in a completed patient chart.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

	periodontal disease. •Understand and teach etiology of and prevention of oral disease including periodontal disease and caries.					
--	------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--

<b>DENT 2207 Dental Hygiene I</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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"> <li>•Understand the reasons for infection control measures during patient treatment.</li> <li>•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</li> </ul>	Measure 1: Weekly quiz	The target goal is 75% or higher	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.
		Measure 2: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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 "Comprehensive patient Care"	The target goal is 75% or higher	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.

	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.	Measure 4: Student success in clinic laboratory setting	The target goal is 80% or higher	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 5: National Board Examination scores	The target goal is 75% or higher	Measure 5: Students successfully passed the National Board Exam above the national average	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No changes needed at this time
		Measure 1: Weekly quiz	The target goal is 75% or higher	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: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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)	The target goal is 75% or higher	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.

<p>Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior</p>	<ul style="list-style-type: none"> <li>•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.</li> <li>•Relate the oral hygiene diagnosis to the patient in such a way as to motivate change.</li> </ul>	Measure 4: Student success in clinic	The target goal is 75% or higher	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.
		Measure 5: National Board Examination scores	The target goal is 75% or higher	Measure 5: Students successfully passed the National Board Exam above the national average	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No changes needed at this time
		Measure 1: Weekly quiz	The target goal is 75% or higher	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: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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 “Comprehensive patient Care”	The target goal is 75% or higher	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: National Board Examination scores	The target goal is 75% or higher	Measure 4: Students successfully passed the National Board Exam above the national average	Measure 4: Students demonstrate mastery in external examinations	Measure45: No changes needed at this time

<p>Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of dental hygiene knowledge</p>	<p>•Engage the patient in the educational process related to improving health.</p>	<p>Measure 1: Weekly quiz</p>	<p>The target goal is 75% or higher</p>	<p>Measure 1: All students scored an average of 75% or better</p>	<p>Measure 1: Students successfully demonstrated competence</p>	<p>Measure 1: No curricular or pedagogical changes needed at this time.</p>
		<p>Measure 2: : Four exams (Chitester) to demonstrate competency</p>	<p>The target goal is 75% or higher</p>	<p>Measure 2: students scored an average of 85% or better.</p>	<p>Measure 2: Students successfully demonstrated understanding</p>	<p>Measure 2: No curricular or pedagogical changes needed at this time.</p>
		<p>Measure 3:Case Study “Comprehensive patient Care”</p>	<p>The target goal is 75% or higher</p>	<p>Measure 3: All students turned in a comprehensive case study.</p>	<p>Measure 3: Students successfully demonstrated understanding</p>	<p>Measure 3: No curricular or pedagogical changes needed at this time.</p>

<b>DENT 2208 Radiology &amp; Lab Section in 2206 Radiology (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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: Five examinations on Chi-tester; required to demonstrate knowledge and competency  Ten post assessments used throughout the semester via canvas as quizzes or quick-writes	The target performance is 80% or higher for all course goals.	Measure 1: 100% of students passed the examinations	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 pass the radiology 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	•Demonstrate & perform required fundamental &	Measure 1: Students were required to		Measure 1: All students passed; completed	Measure 1: Students successfully	Measure 1: No changes needed at this time



advanced, essential to the practice of dental hygiene	advanced technical skills in radiography are completed in lab section of DENT2206	successfully expose & process a stated minimum number of intra-oral and extra-oral radiographic images		the required number of acceptable radiographic images	completed the course requirements	
		Measure 2: Students were required to complete a mock patient and “real” patient experience, demonstrating independent thinking and skill performance		Measure 2: All students successfully completed the practical examination	Measure 2: Students completed the requirement	Measure 2: No changes needed at this time
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 skill performance		Measure 2: All students successfully completed the practical examination	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 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 Examination for Dental Hygiene		Measure 2: Students successfully pass the radiology section/questions on the National Board Exam	Measure 2: Students demonstrate mastery in external examinations to qualify for	Measure 2: No changes needed at this time

				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	• 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:

**DENT 2211 Oral Pathology (Major course)**

<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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"> <li>• identify and discuss various pathologic changes</li> <li>• 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</li> <li>• identify and discuss various pathology associated with the soft tissues of the oral cavity</li> <li>• identify structures and pathology associated with the soft tissue of the oral cavity and</li> </ul>	Measure 1: Score earned by proper identification of diseases on a visual presentation (photographs/slide images) and answering various questions posed to the class	The target goal is a score of 80%	Measure 1: The majority of the class accomplished the goal by achieving a 90% or greater score	Measure 1: Students successfully demonstrated interpretation skills	Measure 1: No curricular or 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.	The target goal is to pass at a 75% or higher	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	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

	<p>answer any questions related to the various diseases or concerns</p> <ul style="list-style-type: none"> <li>•identify and discuss various pathologic conditions associated with the salivary glands and other miscellaneous diseases</li> </ul>	Students will take four examinations		<p>achieving a 90% or greater score. All tests are administered in class during the assigned course hour.</p> <p>Test 1-4, 50 points each</p> <p>All students passed with an 85% or higher combined score</p>		
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	The target goal is a score of 80%	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	The target is to perform as a group and present a power point presentation on an assigned topic	Measure 2: All students successfully completed the practical examinations	Measure 2: Students completed the requirement	Measure 2: No changes needed at this time
Goal 3: The reasoning and judgment skills necessary to engage	•Demonstrate & present with an assigned peer group; Four subjects from the	Measure 1: Students were required to participate in a peer group		Measure 1: All students completed the presentations	Measure 1: Students successfully completed the	Measure 1: No changes needed at this time

in problem-solving behavior	course topics with the goal of improving the understanding of peers; demonstrating problem-solving behavior and communication skills				course assignment	
		Measure 2: Students were required to complete a presentation, demonstrating independent thinking and skill performance	The target is to perform as a group and present a power point presentation on an assigned topic	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 dental hygiene knowledge	• review their presentation critique with faculty	Measure 1: Objective tests, oral explanation & successful student demonstration	The target is 75% or higher	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 Regional Examination for Dental Hygiene (WREB)	The target is 75% or higher	Measure 2: Students successfully pass the oral pathology section/questions on the National Board Exam above the national average, successful on WREB examination	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	• perform clinical skills with proficiency equivalent to entry level practitioner	Measure 1: Process evaluations for techniques &	The target is clinical competency with minimum instructor aid.	Measure 1: Students successfully complete 100% of the minimum	Measure 1: Students successfully complete these evaluations	Measure 1: No changes needed at this time

responsibility within the dental hygiene profession and society		clinical evaluation competencies		number of process evaluations (or repeat to demonstrate competency)		
		Measure 2: National Board Examination scores, Western Regional Examination for Dental Hygiene	The target is 75% or higher	Measure 2: Students successfully pass the oral pathology section/questions on the National Board Exam above the national average, successful on WREB exam national average	Measure 2: Students demonstrate mastery in external examinations to qualify for professional licensure	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	<ul style="list-style-type: none"> <li>utilize appropriate exposure control and precautions to protect patients &amp; operators from cross-contamination during patient treatment</li> </ul>	Measure 1: Objective tests, oral explanation & successful student demonstration and evaluation spanning entire program; adherence to professional code in Student Handbook	The target is 75% or higher	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

<b>DENT 2215 Periodontology (Major course)</b>						
<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>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</i>
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: Four major examinations on Chi-tester are required to demonstrate competency	The target performance is 80% or higher	Measure 1: 100% of students passed the examinations at 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 on the National Board Exam; results 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: Four major examinations on Chi-tester were required to demonstrate competency		Measure 1: 100% of students passed the examinations at 90% average	Measure 1: Students successfully mastered the course material	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2: Evidence from success on		Measure 2: Students successfully	Measure 2: Students demonstrate	Measure 2: No changes needed at this time



		National Board Examination scores		passed the periodontology 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: Four 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 dental hygiene knowledge	• students complete & present a group project germane to contemporary research on periodontal diseases or therapies	Measure 1: Formal presentation of assignment (written assignment criteria & rubric are used in the evaluation)		Measure 1: All students successfully participated and completed the assignment at 80% or higher	Measure 1: Students successfully completed the assignment	Measure 1: No changes needed at this times
Goal 5: The leadership and	• acquire the knowledge,	Measure 1:		Measure 1: 100% of	Measure 1: Students	Measure 1: No curricular or

initiative capabilities essential for assuming roles of responsibility within the dental hygiene profession and society	competence and professional commitment to provide the highest quality of dental hygiene care	Four major examinations on Chi-tester were required to demonstrate competency		students passed the examinations at or above 90% average	successfully mastered the course material	pedagogical changes needed at this time
		Measure 2: National Board Examination scores		Measure 2: Students successfully passed the periodontology section/question s 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, independent work on exam		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

<b>DENT 2216 Clinical Dental Hygiene II</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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 & scoring on computer (TalEval® system).	The target goal is 85% or higher	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. Teach the etiology and prevention of dental disease. Demonstrate hand instrumentation using a variety of instruments while using proper ergonomics.	Measure 1: Direct observation of skills & scoring on computer (TalEval® system).	The target goal is 85% or higher	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	The target goal is 85% or higher	Measure 2: All but one student successfully passed off PE's.	Measure 2: Students successfully demonstrated competence	Measure 2: No curricular or pedagogical changes needed at this time.
Goal 3: The reasoning and judgment skills necessary to engage	Formulate the dental hygiene diagnosis and treatment plans	Measure 1: Direct observation of skills & scoring	The target goal is 85% or higher	Measure 1: All students successfully demonstrated	Measure 1: Students successfully	Measure 1: No curricular or pedagogical

in problem-solving behavior	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.	on computer (TalEval® system).		problem-solving behavior	demonstrated competence	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: Direct observation of skills pertaining to oral hygiene instruction and prevention of oral disease & scoring on computer (TalEval® system).	The target goal is 85% or higher	Measure 1: All students demonstrated skills pertaining to communication of and dissemination of proper oral care and prevention of oral disease.	Measure 1: Students successfully demonstrated competence;	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 hygiene profession and society	Demonstrate professionalism as expected of a health care professional.	Measure 1: Attendance, timeliness, professional appearance & demeanor towards peers and instructors	The target goal is 85% or higher	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	Create treatment plans which	Measure 1: Submission of	The target goal is 85% or higher	Measure 1: All students	Measure 1: Students	Measure 1: No curricular or

the effective performance of responsibilities within dental hygiene practice and within society	address the dental hygiene diagnoses, informed consent, aspects of primary prevention and secondary prevention, and non-surgical treatment of periodontal disease for a variety of patients. Understand and teach etiology of and prevention of oral disease including periodontal disease and caries.	completed patient chart.		successfully completed and turned in patient charts.	successfully demonstrated competence.	pedagogical changes needed at this time.
		Measure 2: Direct observation of student/patient interactions.	The target goal is 85% or higher	Measure 2: All students were observed to perform responsibilities within dental hygiene practice.	Measure 2: Students successfully demonstrated competence.	Measure 2: No curricular or pedagogical changes needed at this time.

<b>DENT 2217 Dental Hygiene II</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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	-Understand the effect of diet on total health, the	Measure 1: Weekly quiz	The target goal is 75% or higher	Measure 1: students scored	Measure 1: Students	Measure 1: No curricular or pedagogical

dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	effect of fluorides on dental health, dental hygiene care for the life span and application of disease implications for dental hygiene care			an average of 85% or better	demonstrated understanding.	changes needed at this time.
		Measure 2: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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	The target goal is 75% or higher	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	The target goal is 85% or higher	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 5: National Board Examination scores	The target goal is 75% or higher	Measure 5: Students successfully passed the National Board Exam above the national average	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No changes needed at this time
		Measure 1: Weekly quiz	The target goal is 75% or higher	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: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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: Direct observation-student success in patient treatment	The target goal is 85% or higher	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.
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 such a way as to motivate change.	Measure 4: Student success in clinic	The target goal is 85% or higher	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.
		Measure 1: Weekly quizzes	The target goal is 75% or higher	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: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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	The target goal is 75% or higher	Measure 3: All students completed a comprehensive dietary analysis on a patient in clinic	Measure 3: Students demonstrated understanding	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	Engage the patient in the educational process related to improving health.	Measure 4: Student success in clinic	The target goal is 85% or higher	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.
		Measure 5: National Board Examination scores	The target goal is 75% or higher	Measure 5: Students successfully passed the National Board Exam above the national average	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No changes needed at this time
		Measure 1: Weekly quiz	The target goal is 75% or higher	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: : Four exams (Chitester) to demonstrate competency	The target goal is 75% or higher	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	The target goal is 75% or higher	Measure 3: All students turned in a comprehensive dietary analysis on a clinic patient	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.



		Measure 4: Student success in clinic & scoring on computer (Taleval® clinical evaluation system)	The target goal is 85% or higher	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.
		Measure 5: National Board Examination scores	The target goal is 75% or higher	Measure 5: Students successfully passed the National Board Exam above the national average	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No changes needed at this time

<b>DENT 2219 Dental Materials</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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	- be able to understand the mechanical and chemical properties of dental materials, and the utilization of	Measure 1: Computer delivered Exams 1 (100 points each, Canvas)	Target performance is 80% or above.	Measure 1: The class successfully passed this exam. 100% of students scored above 80%	Measure 1: Students successfully demonstrated knowledge at a high level of knowledge	Measure 1: No curricular or pedagogical changes needed at this time.

	<p>dental materials in a general dental practice</p> <ul style="list-style-type: none"> <li>-Describe the history associated with dental materials and the need for continual development of new materials. I</li> <li>-Students will identify current dental materials, and how they are utilized.</li> <li>-Associate the advantages and disadvantages of specific materials.</li> <li>-Select a material appropriate for the treatment.</li> </ul>	<p>Measure 2: Computer delivered Exam 2 (100 points, Canvas)</p>	<p>Target performance is 80% or above.</p>	<p>Measure 2: The class successfully passed this exam. 95% of students scored above 80%.</p>	<p>Measure 2: Students successfully demonstrated knowledge at a high level of knowledge</p>	<p>Measure 2: No curricular or pedagogical changes needed at this time.</p>
		<p>Measure 3: National Board Examination scores, Western Regional Examination for Dental Hygiene</p>	<p>The target performance is 75% or above.</p>	<p>Measure 3: 100% pass rate on National and regional exams including sections/topics related to dental materials and clinical patient treatment</p>	<p>Measure 3: Students successfully demonstrated mastery of course material from Dental Materials.</p>	<p>Measure 3: No curricular or pedagogical changes needed at this time.</p>
<p>Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene</p>	<p>- demonstrate a comprehensive understanding of dental materials: Select all the materials that would sufficiently meet the requirements of indicated treatment</p>	<p>Measure 1: Demonstrate a working knowledge of materials and their use; participate in two laboratory experiences</p>	<p>Target performance is 100%. Evaluation based on students successfully completing lab assignment.</p>	<p>Measure 1: All students completed the assignments associated with each lab. Outcomes are based on a pass or fail measure</p>	<p>Measure 1: Students successfully participated and demonstrated understanding of how to manipulate and use specific dental materials.</p>	<p>Measure 1: No curricular or pedagogical changes needed at this time.</p>
		<p>Measure 2: Direct</p>	<p>No score given for this measure.</p>	<p>Measure 2: Students were</p>	<p>Measure 2: Students</p>	<p>Measure 2: No curricular or</p>

	- demonstrate their knowledge and the fundamental use of dental materials.	observation- student success in clinic and laboratory experience	Evaluation based on clinic and lab observation and discussion.	observed during patient treatment through their communication with their patient relative to dental materials (taleval@ clinical evaluation system)	successfully demonstrated understanding	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	The target performance is 75% or above.	Measure 1: 100% pass rate on National and regional exams including 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	Target performance is 80% or above.	Measure 2: students scored an average of 86% or better.	Measure 2: Students demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Dental Materials Laboratory Experiences	Target performance is 100%. Evaluation based on students successfully completing lab assignment.	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	No score given for this measure. Evaluation based on clinic and lab observation and discussion.	Measure 4: Students transferred classroom and laboratory experiences and learning to clinical 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 knowledge and function of dental materials	Measure 1: National Board Examination scores, Western Regional Examination for Dental Hygiene	The target performance is 75% or above.	Measure 1: 100% pass rate on National and regional exams including 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	Target performance is 80% or above.	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	Target performance is 100%. Evaluation based on students successfully completing lab assignment.	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	No score given for this measure. Evaluation	Measure 4: Students transferred	Measure 4: All students demonstrated	Measure 4: No curricular or pedagogical

			based on clinic and lab observation and discussion.	classroom learning to clinical patient experiences.	transformative learning	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.	No score given for this measure. Evaluation based on clinic and lab observation and discussion.	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.	Target performance is 100%. adherence to professionalism and attendance policy as stated in the syllabus.	Measure 1: All students successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.

<b>DENT 2235 Dental Medicine I (major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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	- review the anatomy and physiology associated with specific	Measure 1: Exam 1 100 points	Target performance is 80% or above.	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.

for a comprehensive understanding of dental hygiene practice	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, metabolism and excretion of drugs.			95% scored >80%		
		Measure 2: Exam 2 100 points	Target performance is 80% or above.	Measure 2: The class successfully passed this exam 90% scored >80%	Measure 2: Students successfully demonstrated understanding	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Exam 3 100 points	Target performance is 80% or above.	Measure 3: The class successfully passed this exam 93% scored >80%	Measure 3: Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.
		Measure 4: Exam 4 100 points	Target performance is 80% or above.	Measure 4: The class successfully passed this exam 100% scored >80%	Measure 4: Students successfully demonstrated understanding	Measure 4: No curricular or pedagogical changes needed at this time.
		Measure 5: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target performance is to pass with a 75% or higher	Measure 5: 100% pass rate on National and regional exams including sections/topics related to dental medicine/pharmacology and clinical patient treatment	Measure 5: Students demonstrate mastery in external examinations	Measure 5: No curricular or pedagogical changes needed at this time.
		Measure 6: Students will utilize the patients' medical history to	The target performance is not measured by score but based on clinical	Measure 6: All students demonstrated transformative learning	Measure 6: Students transferred classroom learning to	Measure 6: No curricular or pedagogical changes needed at this time.

		determine the need for antibiotic premedication	observation and discussion.		actual patient treatment.	
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 information prior formulating a treatment plan.	Measure 1: In-class written quizzes	Target performance is 80% or above.	Measure 1: All students scored an average of 80% or better	Measure 1: Students successfully demonstrated knowledge applicable to dental medicine as it relates to dental hygiene	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: Dental Hygiene National Board Examination scores (comprehensive written examination)	The target performance is to pass with a 75% or higher	Measure 2: 100% pass rate on National and regional exams including sections/topics related to dental medicine/pharmacology and clinical patient treatment	Measure 2: Students demonstrate mastery in external examinations	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Student success in clinic (taleval® clinical evaluation system)	No score given for this measure. Evaluation based on clinic and lab observation and discussion.	Measure 3: Students were observed and evaluated on their use of health history review and understanding Students transferred classroom learning to	Measure 3: All students demonstrated transformative learning Students successfully demonstrated understanding	Measure 3: No curricular or pedagogical changes needed at this time.

				clinical patient treatment.		
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: Summative Exams	Target performance is 80% or above.	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: In Class Oral Presentations. Students present overview of assigned medical condition	Target performance is pass/fail	Measure 2: All students exhibited ability to present on an assigned medical condition	Measure 2: Students successfully demonstrated knowledge and interpretation skills.	Measure 2: No curricular or pedagogical changes needed at this time.
		Measure 3: Student success in clinic (taleval@ clinical evaluation system)	The target goal is not measured by score but rather ability to perform with minimum faculty instruction	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 recognize signs and symptoms associated with various medical conditions related to dental hygiene practice	Measure 1: In-class written quizzes	Target performance is 80% or above.	Measure 1: All students scored an average of 80% or better	Measure 1: Students successfully demonstrated knowledge applicable to dental medicine as it relates to dental hygiene	Measure 1: No curricular or pedagogical changes needed at this time.
Goal 5: The leadership and initiative capabilities essential for assuming roles of	Students will deliver oral presentations in class covering an	Measure 2: In Class Oral Presentations. Students present	Target performance is pass/fail	Measure 2: All students exhibited ability to present on an	Measure 2: Students successfully demonstrated	Measure 2: No curricular or pedagogical



responsibility within the dental hygiene profession and society	overview of various medical conditions. Their associated signs and symptoms and how to manage these patients and their conditions in the dental office	overview of assigned medical condition		assigned medical condition	knowledge and interpretation skills.	changes needed at this time.
		Measure 3: Student success in clinic (taleval® clinical evaluation system)	The target goal is not measured by score but rather ability to perform with minimum faculty instruction	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.
		Measure 4: Direct observation of student/peer interactions. Direct observation-student success in patient treatment (taleval® clinical evaluation system)	The target goal is not measured by score but rather ability to perform with minimum faculty instruction	Measure 4: All students were observed to perform responsibilities within dental hygiene practice.	Measure 4: Students successfully demonstrated competence	Measure 4: 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 towards patients, peers, faculty and staff.	Target performance is 100%. adherence to professionalism and attendance policy as stated in the syllabus.	Measure 1: All students successfully demonstrated professionalism.	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.



<b>DENT 2250 Professional Ethics (Major course)</b>						
<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>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</i>
Goal 1: Necessary biophysical, psychosocial and dental hygiene knowledge requisite for a comprehensive understanding of dental hygiene practice	•Define professionalism, identify components of professional code of ethics, cultural competency, and major issues of equity within the oral health professions	Measure 1: In-class or on-line discussion writing assignments, class participation requirements, class quizzes	Target performance assessed by students able to define and give examples of professional ethics, cultural competency, equity	Measure 1: 100% of students completed the assignments & participate in on-line writing discussions & successful completion of quizzes	Measure 1: Students successfully completed course participation, materials & assignments	Measure 1: No curricular or pedagogical changes needed at this time
		Measure 2:		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 required to complete ethical dilemma using a decision making model &	Target Performance is 85%	Measure 1: Successful completion of assignment	Measure 1: Successful completion of assignment	Measure 1: No changes needed at this time

		present to peers in class				
Goal 3: The reasoning and judgment skills necessary to engage in problem-solving behavior	<ul style="list-style-type: none"> <li>identify ethical dilemmas; identify and use formal/informal ethical decision making processes</li> </ul>	Measure 1: Students required to complete ethical dilemma using a decision making model & present to peers in class	Target Performance is 85%	Measure 1: Successful completion of assignment	Measure 1: Successful completion of assignment	Measure 1: No 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	<ul style="list-style-type: none"> <li>prepare written understanding &amp; awareness of ethical issues through completion of written assignment</li> </ul>	Measure 1: All students complete written assignment to minimum requirements & writing specifications (rubric used)	Target Performance is 85%	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"> <li>identify State laws and rules regulating the practice of dental hygiene</li> </ul>	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	Target Performance is 85%	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 for the effective performance of	<ul style="list-style-type: none"> <li>prepare written understanding &amp; awareness of ethical issues</li> </ul>	Measure 1: All students completed assignment to	Target Performance 85%	Measure 1: All students successfully	Measure 1: Students completed the assignment	Measure 1: No changes needed at this time

responsibilities within dental hygiene practice and within society	through completion of written assignment	minimum content & writing specifications (rubric used)		completed the assignment		
--------------------------------------------------------------------	------------------------------------------	--------------------------------------------------------	--	--------------------------	--	--

<b>DENT 3305 Pain Control (Course in major)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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	-be able to identify anatomy in regards to anesthesia of the maxillary and mandibular regions; 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	Measure 1: Test 1 -100 points. Identifying structures	The target score is 80%	Measure 1: The majority of the class accomplished to goal by achieving a 88% or greater score	Measure 1: Students demonstrated understanding.	Measure 1: No curricular or pedagogical changes needed at this time.
		Measure 2: administer anesthesia to peers and clinical patients; PEs and (taleval® clinical evaluation system.	The target is to accomplish with instructor supervision	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)	The target is proper electronic submission based on individual patient	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.

			treatment for the day.			
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	- 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	Measure 1: Students will administer local anesthesia. PE: pass or fail measure and taleval® clinical evaluation system	The target is 75% or higher	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	The target is 80% or higher	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)	The target is	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.
Goal 3: The reasoning and judgment skills necessary to engage in	- answer and demonstrate knowledge of course content. - demonstrate proper reasoning for pain	Measure 1: Students will take 3 additional tests throughout the semester concerning	The target is 80% or higher	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.

problem-solving behavior	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	sections taught in DENT 3305				
		Measure 2: Student will select proper anesthetic agent and utilize anatomical landmarks for successful delivery of local anesthetic	The target is minimum instructor aid	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.
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: Quizzes, 50 points total	The target is 80% or higher	Measure 1: All students scored 85% or greater	Measure 1: Students successful	Measure 1: No curricular or pedagogical changes.
		Measure 2: Summative Exam	The target is 80% or higher	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 assuming roles of responsibility within the dental	-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)	The target is to increase understanding by graduation to need less instructor input.	Measure 1: All students were observed to perform responsibly within the clinical environment	Measure 1: Students successfully demonstrated competence.	Measure 1: No curricular or pedagogical changes needed at this time.



hygiene profession and society				during the dental hygiene program experience.		
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)	The target is observed in the clinic around patients and interaction is measured subjectively by all faculty	Measure 1: All students 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)	The target is entering clinical data without the need for instructor aid	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.

<b>DENT 3301 Community Service Learning Lab (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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	•Assess, provide a dental hygiene diagnosis, plan, implement and	Measure 1: in-class discussion		Measure 1: 95% of students scored 80% or better	Measure 1: Students successfully demonstrated	Measure 1: No curricular or pedagogical changes needed at this time

knowledge requisite for a comprehensive understanding of dental hygiene practice	evaluate a community health program that includes dental screenings and providing dental sealants for elementary school children				knowledge and application to dental hygiene practice	
		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: 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
		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	•Understand a community dental	Measure 1: Students were		Measure 1: All students	Measure 1: Students	Measure 1:

judgment skills necessary to engage in problem-solving behavior	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	required to participate in development of a community dental health program		demonstrated competence and appropriate knowledge of community dental health program development , implementation, assessment and evaluation	successfully demonstrated competence; judgment, reasoning and appropriate problem-solving skills	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 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 identify those programs at the state level that are in place to aid in access to dental health care	Measure 1: In class discussion		Measure 1: All students scored 90% or better on exam	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 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"> <li>•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</li> <li>•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</li> </ul>	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 , 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 6: The moral habitude requisite for the effective performance of responsibilities within dental	•Identify a community dental health issue, plan and organize the implementation of a program to address	Measure 1: Dental Hygiene National Board Examination scores (comprehensive		Measure 1: Students passed the community dental health section/questions	Measure 1: Students demonstrate mastery in external examinations	Measure 1: No curricular or pedagogical changes needed at this time

hygiene practice and within society	the issue, implement the program and evaluate the program's outcomes and identify strategies for improvements	written examination)		on the National Board Exam		
-------------------------------------	---------------------------------------------------------------------------------------------------------------	----------------------	--	----------------------------	--	--

<b>DENT 3336 Clinical Dental Hygiene III (Major course)</b>						
<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>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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)	Minimum measures: 80%  Target measures 85% or higher	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	-demonstrate clinical skills related to	Measure 1: Students successfully passed	Minimum Measures: 80%	Measure 1: Students successfully	Measure 1: Students successfully	Measure 1:

advanced, essential to the practice of dental hygiene	patient treatment and the practice of dental hygiene	clinical process evaluations on clinical skills (Taleval® clinical evaluation system)	Target measures: 85% or higher	passed clinical patient treatment	demonstrated competence in clinical skills and patient treatment	No curricular or pedagogical changes needed at this time
		Measure 2: Students successfully passed clinical process evaluations (PE) on clinical skills, (Taleval® clinical evaluation system)	Minimum measures: 80%  Target measures: 85% or higher	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)	Minimum measures: 80%  Target measures: 85% or higher	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
Goal 4: The theoretical bases, research and communication skills, necessary for the acquisition, advancement and dissemination of	- demonstrate competence in communication with patients and peers  - demonstrate competence in all	Measure 1: Students will demonstrate thorough and correct charting procedures (Taleval® clinical evaluation system)	Minimum measures: 80%  Target measures: 85% or higher	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

dental hygiene knowledge	communication both written and verbal	Measure 2: Students will demonstrate professional communication skills with clinical faculty, peers and dental hygiene patients (Taleval® clinical evaluation system)	Minimum measures: 80%  Target measures: 85%	Measure 2: Students completed clinical requirements including all aspects of patient treatment and procedures	Measure 2: Students pass with 75% or better; clinical evaluations by supervising faculty (Taleval® clinical evaluation system)	Measure 2: 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	Minimum measures: 80%  Target measures: 85% or higher	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 for the effective performance of responsibilities within dental hygiene practice and within society	- exhibit behaviors and ethics in line with the Professional Code of Ethics for Dental Hygiene	Measure 1: Students will demonstrate professional and ethical behavior in the clinic during patient treatment (Taleval® clinical evaluation system) and in all	Minimum measures: 80%  Target measures: 85% or higher	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

		professional settings				
--	--	-----------------------	--	--	--	--

<b>DENT 3337 Dental Hygiene III</b> (Major course within Dental Hygiene)						
<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>  <i>Students will ...</i>	<i>Method of Measurement</i>  <i>*Direct and Indirect measures</i>	<i>Target Performance</i>  <i>*Direct and Indirect measures</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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)	Minimum measures: 75%  Target measures: 80% or higher	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	Minimum measures: 75%  Target measures: 80% or higher	Measure 2: : Successful completion of a National Board-the majority of the class receiving	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



				a score of 80% or above		
Goal 2: The technical skills, both fundamental and advanced, essential to the practice of dental hygiene	- demonstrate advanced hand and ultrasonic instrumentation skills, knowledge of clinical assessments, application of medicaments, desensitization methods, management of clinical medical emergencies	Measure 1: Weekly module assessments, small group work with typodonts/dental models and instruments, module topic outlines in small group discussions, case studies, and group presentations	Minimum measures: 75%  Target measures: 80% or higher	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
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 assessments and/or module outlines Small group discussions and group presentations	Minimum measures: 75%  Target measures: 80% or higher	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 communication skills, necessary for the acquisition, advancement and dissemination of	- demonstrate knowledge of dental hygiene theory, understand the foundations of research and	Measure 1: Module quizzes assessments, research topics related to patient care and 3 assessments on Canvas,	Minimum measures: 75%  Target measures: 80% or higher	Measure 1: The majority of students scored a 90% or higher on weekly readiness assessment.	Measure 1: Students successfully demonstrated competence in research and it's dissemination, dental hygiene	Measure 1 : Faculty agree to include review of transfer in all related courses; this outcome will be reassessed during next review

dental hygiene knowledge	it's dissemination, and build on communication skills with patients and peers	communication and complete a group presentations in class		Students successfully completed class presentations and submitted a written paper	theory and clinical practice	
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	Minimum measures: 75%  Target measures: 80% or higher	Measure 1: Students participated in Student Association community service activities	Measure 1: Students completed reflective activities through 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' Association Annual Session and the Utah Dental Association Annual Session	Minimum measures: 75%  Target measures: 80% or higher	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	- 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,	Minimum measures: 75%	Measure 1: The didactic course grade will reflect successful demonstration	Measure 1: Students successfully demonstrated ethical and professional	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be

practice and within society		patients and the public as they represent the dental hygiene profession	Target measures: 80% or higher	of ethical and professional behaviors	behaviors in clinic, at community service projects, and in the educational setting	reassessed during next review
-----------------------------	--	-------------------------------------------------------------------------	--------------------------------	---------------------------------------	------------------------------------------------------------------------------------	-------------------------------

<b>DENT 3346 Clinical Dental Hygiene IV (Major course)</b>						
<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>Target Performance</i> Direct and Indirect Measures*	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</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: Complete clinical requirements, Process Evaluations and Mockboards (Taleval® clinical evaluation system)	Minimum measures: 85% Target measures: 90% or higher	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	Measure 1 Students were evaluated in their clinic lab sessions; process evaluations (PE) on clinical	Minimum measures: 85% Target measures: 90% or higher	Measure 1 Students successfully passed clinical patient treatment	Measure 1: Students successfully demonstrated competence in clinical skills	Measure 1: Faculty agree to include review of transfer in all related courses; this outcome will be

	the practice of dental hygiene	skills, and Taleval® clinical evaluation system			needed to treat periodontal patients and adjunctive therapies	reassessed during next review
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	Minimum measures: 85%  Target measures: 90% or higher	Measure 1: Students successfully passed clinical patient treatment	Measure 1: Students demonstrated competence in developing and following an appropriate treatment plan	Measure 1: 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	Minimum measures: 85%  Target measures: 90% or higher	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 hygiene profession and society	- 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 evaluation system) and in all professional settings	Minimum measures: 85%  Target measures: 90% or higher	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

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	Minimum measures: 85% Target measures: 90% or higher	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
------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	---------------------------------------------------------	-------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------	---------------------------------------------------------------------

<b>DENT 3347 Dental Hygiene IV (Major course)</b>						
<i>Program Learning Goal</i>	<i>Measurable Learning Outcome</i>	<i>Method of Measurement</i>	<i>Target Performance</i>	<i>Actual Performance/ Findings Linked to Learning Outcomes</i>	<i>Interpretation of Findings</i>	<i>Action Plan/Use of Results/Closing the Loop</i>
The specific goals of the dental hygiene program are to provide students with the (Goals 1-6)	Students will...	Direct and Indirect Measures*	Minimum measures: 75%  Target measures: 80% or higher			
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: Module assessments in class, module outlines, 3 assessments on ChiTester, and group presentations/projects	Minimum measures: 75%  Target measures: 80% or higher	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	Minimum measures: 75%  Target measures: 80% or higher	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 practice of dental hygiene	Learning Outcome: Students will demonstrate advanced hand and ultrasonic instrumentation	Measure 1: Weekly readiness assessments, small group work with typodonts and instruments, module outlines in small	Minimum measures: 75%  Target measures: 80% or higher	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	Measure 1: No curricular or pedagogical changes are needed at this time

	skills, knowledge of clinical assessments, application of medicaments, desensitization methods, management of clinical medical emergencies	group discussions, case studies, and group presentations			the clinical setting	
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	Minimum measures: 75%  Target measures: 80% or higher	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	Measure 1: Module assessments, research topics related to patient care and communication and complete a group presentations in class	Minimum measures: 75%  Target measures: 80% or higher	Measure 1: The majority of students scored a 90% or higher on weekly readiness assessment. Students successfully completed class	Measure 1: Students successfully demonstrated 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

	it's dissemination, and build on communication skills with patients and peers			presentations and submitted Several written papers for projects and events		
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	Minimum measures: 75%  Target measures: 80% or higher	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	Minimum measures: 75%  Target measures: 80% or higher	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	Learning Outcome: Students will demonstrate behaviors and	Measure 1: Students will demonstrate behaviors and ethics in line with the Code	Minimum measures: 75%	Measure 1: The didactic course grade will reflect successful	Measure 1: Students successfully demonstrated ethical and	Measure 1: (Ex. Faculty agree to include review of transfer in all related courses; this outcome



within dental hygiene practice and within society	ethics in line with the Code of Ethics for Dental Hygiene	of Ethics for Dental Hygiene	Target measures: 80% or higher	demonstration of ethical and professional behaviors	professional behaviors in clinic, at community service projects, and in the educational setting	will be reassessed during next review
---------------------------------------------------	-----------------------------------------------------------	------------------------------	--------------------------------	-----------------------------------------------------	-------------------------------------------------------------------------------------------------	---------------------------------------

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	Minimum measures: 75%	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
Students will...	Students will...	Direct and Indirect Measures*	Target measures: 80% or higher			
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	Minimum measures: 75%  Target measures: 80% or higher	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	-facilitate community dental health programs	Measure 1: quantitative and qualitative analysis	Minimum Measures: 75%	Measure 1: successful projects and scores of 90%	Measure 1: Students successfully	Measure 1: Faculty will review of transfer in all related courses;

fundamental and advanced, essential to the practice of dental hygiene		performed by students, with final report authored by students	Target measures: 80% or higher	or above on the final reports	demonstrated competence	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	Minimum measures: 75% Target measures: 80% or higher	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 demonstrated learning	Measure 1: 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	-facilitate community dental health programs	Measure 1: Participation in planning, assessing programs	Minimum measures: 75% Target measures: 80% or higher	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	Measure 1: No curricular or pedagogical changes needed at this time

					demonstrated learning	
		Measure 2: External Examination: National Board Examination and Clinical WREB examination	Minimum measures: 75%  Target measures: 80% or higher	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

## Appendix A

Most departments or programs receive a number of recommendations from their Five/Seven-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: 2017 CODA	Recommendation	Progress Description
Recommendation 1  CODA no longer cites recommendations, nor do they cite commendations	Text of recommendation: At the time of the last site visit, 2017 the committee determined the Dental Hygiene Program was in full compliance & had maintained compliance since the last review, 2010.	The Program has documented effectiveness using formal and ongoing outcomes assessment including student achievement. Dated CODA approvals are 2018; 2020 & 2021: CODA adopted approval to continue accreditation status of “approval without reporting requirements”. (Including during COVID interruptions for 2020 & 2021)
(add as needed)		

Additional narrative:

## 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.

Print, pass around one copy, Kaila can update & add 19/20, 2021

Faculty Headcount	2017-18	2018-19	2019-2020	2020-2021	2021-2022
With Doctoral Degrees (Including MFA and other terminal degrees, as specified by the institution)	2	2	1	1	1
Full-time Tenured	0	0	0	0	0
Full-time Non-Tenured (includes tenure-track)	1	1	1	1	1
Part-time and adjunct	1	1	0	0	0
With Master's Degrees	7	7	9	8	8
Full-time Tenured	4	5	4	4	4
Full-time Non-Tenured	1	0	0	1	1
Part-time and adjunct	3	4	5	3	3
With Bachelor's Degrees	7	6	5	6	6
Full-time Tenured	0	0	0	0	0
Full-time Non-tenured	0	0	0	0	0
Part-time and adjunct	7	6	5	5	6
Other					
Full-time Tenured					
Full-time Non-tenured					
Part-time					
<b>Total Headcount Faculty</b>	<b>17</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>15</b>
Full-time Tenured	5	5	4	4	4
Full-time Non-tenured	1	1	1	1	2
Part-time	11	11	10	10	9

Appendix C – alternative format for Evidence of Learning Reporting NA

Course:

Program Outcome 1	
Aligned Course Outcome(s):	
Method(s) of measurement:	
Target Performance:	
Actual Performance:	
Interpretation/Reflection on findings:	
Action Plan/Use of Results:	
Intended evaluation of plan (closing the loop):	

**Please respond to the following questions.**

- 1) First year student success is critical to WSU's retention and graduation efforts. We are interested in finding out how departments support their first-year students. Do you have mechanisms and processes in place to identify, meet with, and support first-year students? Please provide a brief narrative focusing on your program's support of new students:
  - a. Any first-year students taking courses in your program(s).
    - i. Not applicable, students in our Department are not first-years students
  - b. Students declared in your program(s), whether or not they are taking courses in your program(s):
    - i. Once admitted, students' cattracks progress is updated, and students meet at least twice a semester for formal review/feedback with a faculty advisor. If they are declared, but not taking courses, they are most likely taking pre-requisites and meeting with admission's advisors in the E.R. Dumke College of Health Professions who work closely with us for admissions.
- 2) A key component of sound assessment practice is the process of 'closing the loop' – that is, following up on changes implemented as a response to your assessment findings, to determine the impact of those changes/innovations. It is also an aspect of assessment on which we need to improve, as suggested in our NWCCU mid-cycle report. Please describe the processes your program has in place to 'close the loop'.
  - a. Faculty meet for regular curriculum reviews; we must adhere to accreditation guidelines and are formally reviewed by an outside agency every 7 years. We also receive annual feedback via outside testing agencies and monitor the success rates on both written and clinical examinations (we have highly successful pass rates); employers are also highly satisfied with the caliber of our student's education. "Closing the loop" for individual courses is included on the curriculum learning outcome grid.
  - b. We update "the loop" regularly as each faculty monitors progress of students, curriculum and student success in their courses as well as National and Regional, written and clinical examinations for licensure/employment.

**Glossary**

### Student Learning Outcomes/Measurable Learning Outcomes

The terms ‘learning outcome’, ‘learning objective’, ‘learning competency’, and ‘learning goal’ are often used interchangeably. Broadly, these terms reference what we want students to be able to do AFTER they pass a course or graduate from a program. For this document, we will use the word ‘outcomes’. Good learning outcomes are specific (but not too specific), are observable, and are clear. Good learning outcomes focus on skills: knowledge and understanding; transferable skills; habits of mind; career skills; attitudes and values.

- Should be developed using action words (if you can see it, you can assess it).
- Use compound statements judiciously.
- Use complex statements judiciously.

### Curriculum Grid

A chart identifying the key learning outcomes addressed in each of the curriculum’s key elements or learning experiences (Suskie, 2019). A good curriculum:

- Gives students ample, diverse opportunities to achieve core learning outcomes.
- Has appropriate, progressive rigor.
- Concludes with an integrative, synthesizing capstone experience.
- Is focused and simple.
- Uses research-informed strategies to help students learn and succeed.
- Is consistent across venues and modalities.
- Is greater than the sum of its parts.

### Target Performance (previously referred to as ‘Threshold’)

The level of performance at which students are doing well enough to succeed in later studies (e.g., next course in sequence or next level of course) or career.

### Actual Performance

How students performed on the specific assessment. An average score is less meaningful than a distribution of scores (for example, 72% of students met or exceeded the target performance, 5% of students failed the assessment).

### Closing the Loop

The process of following up on changes made to curriculum, pedagogy, materials, etc., to determine if the changes had the desired impact.



### Continuous Improvement

An idea with roots in manufacturing, that promotes the ongoing effort to improve. Continuous improvement uses data and evidence to improve student learning and drive student success.

### Direct evidence

Evidence based upon actual student work; performance on a test, a presentation, or a research paper, for example. Direct evidence is tangible, visible, and measurable.

### Indirect evidence

Evidence that serves as a proxy for student learning. May include student opinion/perception of learning, course grades, measures of satisfaction, participation. Works well as a complement to direct evidence.

### HIEE – High Impact Educational Experiences

Promote student learning through curricular and co-curricular activities that are intentionally designed to foster active and integrative student engagement by utilizing multiple impact strategies.