Course/Program Title: DEN 101 Dental Assisting          Date:  June 27th, 2016

Course/Program Team:  Professor Rebecca Leonard

Expected Learning Outcomes:

1. Identify and describe the functions of the members of the dental health.

2. Interpret state laws, rules, and regulations for the dental assisting scope of practice. Describe the difference between plaque, calculus, gingivitis, and periodontitis.

3. Identify and properly utilize various disinfection and sterility materials, and identify common lesions and pathology that a DA will see in their scope of practice.

4. Generate a professional plan for being a part of the dental team.

5. Apply proper terminology in the clinical setting.

6. Prepare the dental treatment area for the patient's arrival.

Assessment: Completion of course with an average grade of 75% or higher

Course outcomes: common final exam for all 21 students for item analysis:

| CO#1 | questions 4, 6, 7, and 10 |
| CO#2 | questions 3, 5, 8, and 9 |
| CO#3 | questions 52-77 |
| CO#4 | questions 21 and 29 |
| CO#5 | questions 15,17,25 |
| CO#6 | questions 58, 59, 60 |
| CO#7 | questions 18,36 |

Validation: Course Completion

Completion of the course with an average grade of 75% or higher

Course outcome 1       Common Final Exam Questions: 75% will get >75%

Questions 4, 6, 7, and 10 qualities, duties of a DA
Course outcome 2  Common Final Exam Questions: 75% will get > 75%
Questions 3,5,8,9  Laws, ethics, rules and regulations

Course outcome 3  Common Final Exam Questions: 75% will get > 75%
Questions 52-57  Disinfection techniques, laws and infection control

Course Outcome 4  Common Final Exam Questions: 75% will get > 75%
Questions 21-29  professional plans to be a DA

Course Outcome 5  Common Final Exam Questions: 75% will get > 75%
Questions 15, 17, 25  definitions and vocabulary building
Clinical terms and references

Course Outcome 6  Common Final Exam Questions: 75% will get > 75%
Questions 58, 59, 60  preparation of the dental room for treatment

Course Outcome 7  Common Final Exam Questions: 75% will get > 75%
Questions 18 and 36

Results: Lecture Based:
100% 21/21 students completed the course with a 75% or higher. Overall average of 86.03
Course outcomes (common final exam questions): (N—21)
*Course outcomes 1: 75% of students get > 75%
Question 4: 17/21 answered correctly: 80%  Question 6: 21/21 correct: 100%  Question 7:
16/21 answered correctly: 77%  Question 10: 20/21 answered correctly: 95%
*Course outcome 2:
Question 3: 17/21 answered correctly: 80%  Question 5: 21/21 answered correctly: 100%
Question 8: 18/21 answered correctly: 85%  Question 9: 14/21 answered correctly: 66%
*Course outcome 3: Question 52: 19/21 answered correctly: 90%.  Question 53: 19/21
answered correctly 90%,  Question 54: 14/21 answered correctly 66%,  Question 55: 20/21
answered correctly: 90%,  Question 56: 19/21 answered correctly 90%,  Question 57: 18/21
answered correctly 85%
*Course outcome 4:
Question 21: 19/21 answered correctly,  Question 29: 14/21 answered correctly 66%
*Course outcome 5:
Question 15: 19/21 answered correctly,  Question 17: 19/21 answered correctly 90%,  Question
25: 21/21 100%
Course outcome 6: Question 58: 20/21 answered correctly 95%, Question 59: 20/21 answered correctly 95%, Question 60: 18/21 answered correctly 85%

Course Outcome 7:
*Questions 18: 20/21 answered correctly 95%, Question 36: 21/21 answered correctly: 100%

Follow-up
All students passed all outcomes for DEN101, however, only 66% of students answered questions 9 regarding how plaque can be removed from the teeth. During this introductory class in DA, I will stress these points with greater emphasis. Question #54 and question #29 also gave students trouble with a 66% pass rate. I will reiterate lesions and gingival inflammation. I will identify students at midterm who may be struggling and offer them additional assistance if needed.
I will continue to make students aware of the college policy on withdrawing from classes so I do not have walk away F grades.

To improve student learning I will utilize the Dental facilities and technologies that are available to me.