

**Course Outcomes Guide
Summer 2016**

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.