Course Outcomes Guide  
Summer 2018

Course/Program Title:  DEN 109 Oral Anatomy        Date:  Summer 2018

Course/Program Team:  Professor Rebecca Leonard

Expected Learning Outcome:
1. Describe and utilize appropriate terminology.
3. Practice appropriate asepsis techniques during anatomy lab.
4. Differentiate oral structures for basic radiographic interpretation.
5. Verbalize appropriate dental terminology when describing dental anatomy to others.
6. Record proper descriptions of tooth structures as described by the dentist.
7. Recall the structures in the oral cavity.

Assessment:
Course completion:  Number passing at 75% or greater.
Course outcomes:  Common exams for item analysis:
CO#1  final exam:  #19 and #20  terminology
CO#2  final exam:  #14 and #15  anatomy of the head and neck/landmarks
CO#3  lab comps  asepsis lab techniques
CO#4  lab comps  identify anatomic structures on radiographs
CO#5  in-class discussions  verbally say the words correctly
CO#6  final exam #34 and #38  charting properly the dental structures
CO#7  final exam #2 and #3  identify oral structures

Validation:
Course completion
Completion of course with an average grade of 75% or higher.

Course outcome 1  Exams dental head and neck terminology
Course outcome 2  exams dental head and neck anatomy
Course outcome 3  Observation during lab, asepsis techniques
Course outcome 4  final lab identifying anatomic features on radiographs
Course outcome 5  verbally identify dental anatomy to others
Course outcome 6  final charting and identifying anatomic structures on patients
Course outcome 7  final identify oral landmarks on paper

Results:
Course completion:
100% (42/42 students) completed the course with a grade of 75% or higher
0% (0/22 students) completed the course with a grade lower than 75%

The class average for SU2018 is 85.39%
Course outcomes (common exams and worksheets and discussions): (N =22)

Course outcome #1 Question #19 21/22 answered correctly: 95%, Question #20 13/22 answered correctly 59%

Course outcome #2 Questions #14: 15/22 students answered correctly: 68%, Question #15: 17/22 answered correctly 77%

Course outcome #3 22/22 students demonstrated proper asepsis techniques during lab hours. 100%

Course outcome #4 22/22 students could identify anatomic structures on radiographs during lab hours. 100%

Course outcome #5 22/22 students properly verbalized anatomy terminology properly when prompted. 100%

Course outcome #6 Questions #34 22/22 students answered correctly on the final exam. 100%, Question #38 19/22 students answered correctly. 84%

Course outcome #7 Questions #2: 22/22 students answered correctly on the final exam. 100% Question #3: 18/22 students answered correctly: 88%

Follow-up:
DEN109 will be online for the SU2019. I will be adding games and interactive activities to the online class to help the students grasp the anatomy.