J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: DNA 114 **Credits:** 4

Course Title: Chairside Assisting II

Course Description: Introduces the student to the various dental specialties, including oral surgery, orthodontics, periodontics, prosthodontics, endodontics, and pediatric dentistry. Emphasizes integration and application of previous course content to operative dental procedures. Prerequisites: DNA 100 and DNA 190. Lecture 2 hours. Laboratory 6 hours. Total 8 hours per week.

General Course Purpose: DNA 114 prepares the student for employment in any dental specialty area. The student will be knowledgeable about the instrumentation and procedures for each specialty.

Course Prerequisites and Co-requisites:
Prerequisites: DNA 100 and DNA 190

Course Objectives:
Upon completing the course, the student will be able to
a. Describe the services provided in a pediatric dental practice;
b. Identify the parts of a pediatric exam;
c. List the classifications of fractures on anterior teeth;
d. Demonstrate the fabrication of a stainless steel crown;
e. Discuss the types of pulpal therapy;
f. Demonstrate sealant application;
g. Describe factors effecting occlusion and phases of orthodontic treatment;
h. Identify orthodontic instruments;
i. Explain the diagnostic records gathered before orthodontic treatment;
j. Describe the types of fixed and removable appliances;
k. Describe the procedures for orthodontic bands;
l. Demonstrate sizing bands and placing elastomeric ring separators;
m. Demonstrate the cementation of orthodontic bands;
n. List the procedures commonly performed by an oral surgeon;
o. Describe the role of the dental assistant in surgical procedures;
p. Discuss the two types of dental implants and how to care for implants;
q. Describe the two stages of osseointegrated dental implants;
r. Identify the instruments used for oral surgery;
s. Identify the instruments used for endodontics;
t. Describe the diagnostic tests used in endodontic treatment;
u. List and describe the steps in endodontic treatment;
v. Demonstrate performing a pulp vitality test on a normal tooth;
w. Describe the steps in a periodontal exam and procedures;
x. Identify the instruments used in periodontics; and
y. Demonstrate mixing noneugenol periodontal dressing.

Major Topics to Be Included:
a. Pediatric Dentistry
b. Orthodontics
c. Oral and Maxillofacial Surgery and Dental Implants
d. Endodontics
e. Periodontics
f. Fixed and Removable Prosthodontics
g. Coronal Polishing and Sealants

Effective Date of Course Content Summary: February 12, 2009