

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number: DNA 113**

**Credits: 3**

**Course Title: Chairside Assisting I**

**Course Description (including lecture hours, lab hours, total contacts)**

Provides instruction on the principles of clinical chairside dental assisting, dental equipment use and maintenance, safety, instrument identification, tray set-ups by procedures, and patient data collection. An emphasis is placed on patient management during restorative procedures. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

**General Course Purpose**

DNA 113 prepares the student to assist with four-handed dentistry techniques, manipulate materials, and to prepare for patient treatment.

**Course Prerequisites/Corequisites**

Prerequisite: Completion of the Pre Dental Assisting Career Studies Certificate

Prerequisite or Corequisite: DNA 100 and DNA 110

**Course Objectives**

Upon completing the course, the student will be able to:

- a. Explain why it is important to have a complete up-to-date medical history
- b. Demonstrate the clinical examination
- c. Chart the conditions of a patient's mouth using color-coding
- d. List and explain the six types of classification of cavities
- e. Help with treatment planning
- f. Identify the three types of delivery systems
- g. Give the guidelines for selection of various types of dental equipment
- h. Demonstrate how to care for and operate dental equipment
- i. Explain the classifications of motions and demonstrate the criteria for proper positioning
- j. Properly demonstrate four-handed techniques
- k. Demonstrate how to manipulate and control all clinical materials while assisting a procedure
- l. Demonstrate how to properly handle and suction out a patient's mouth using a HVE tip
- m. Describe the different handpieces and their use
- n. Demonstrate how to lubricate a handpiece and attach the bur
- o. List the instrument and steps in an amalgam and composite procedures
- p. Identify at least fifty (50) restorative instruments and give their use
- q. Demonstrate how to properly place a rubber dam in different quadrants
- r. Explain the clock concepts of operating zones

**Major Topics to be Included**

- a. Delivery of Dental Treatment
- b. Oral Diagnosis and Treatment Planning
- c. Dental Instruments and Accessories
- d. Restorative and Cosmetic Dentistry
- e. Moisture Control

**Effective Date of Course Content Summary (Month, Date Year):** February 12, 2009