

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
DNA 113 - CHAIRSIDE ASSISTING I (3 CR.)**

Course Description

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

General Course Purpose

This course is designed to introduce the student to the knowledge and skills required of a dental assistant in clinical practice. Emphasis is placed on the knowledge and practice of proper infection control methods, principles of four-handed dentistry, and restorative procedures.

Course Prerequisites/Corequisites

Prerequisites: ENG 111, NAS 159, and SDV 101

Corequisites: DNA 100, DNA 108, DNA 110, DNA 134 and PSY 200

COURSE OBJECTIVES

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

- Describe the care and identify the equipment found in the operator
- Describe the importance for practicing proper methods of infection control
- Describe the role of the dental assistant for preparing and disinfecting the operator
- Demonstrate the ability to recognize and interpret charting symbols and abbreviations, as well as utilize the appropriate symbols to record oral conditions
- Describe the uses and maintenance for handpieces and burs
- Demonstrate the ability to identify dental instruments and prepare tray set-ups for dental procedures
- Describe the principles of four-handed dentistry
- Demonstrate the ability to perform instrument exchange and high volume evacuation
- Describe the indications and contraindications for the use of a rubber dam
- Demonstrate the ability to place and remove a rubber dam
- Describe the armamentarium and preparation for the administration of topical and local anesthetics
- Demonstrate the ability to apply a topical anesthetic agent
- Describe the armamentarium and procedure for restorative procedures
- Demonstrate the ability to assist with restorative procedures

MAJOR TOPICS TO BE INCLUDED

- Dental Operator and Equipment
- Ergonomics
- Principles of Infection Control
- Medical/Dental History
- Diagnosis and Treatment Planning
- Handpieces and Dental Instruments
- Principles of Four-Handed Dentistry
- Rubber Dam Placement and Removal
- Topical and Local Anesthetics
- Restorative Dentistry