

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
DNH 214 - PRACTICAL MATERIALS FOR DENTAL HYGIENE (2 CR.)**

Course Description

This course studies the current technologic advances, expanded functions, and clinical/laboratory materials used in dental hygiene practice. Provides laboratory experience for developing skills in the utilization and applications of these technologies and functions. Lecture 1 hour per week. Laboratory 2 hours per week. Total 3 hours per week.

General Course Purpose

To orient the dental hygiene student to the composition and use of dental material so that they have a working knowledge of a variety of materials and procedures used in the dental office and dental laboratory.

Course Prerequisites/Co-Requisites

None

Course Objectives

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

- Discuss the various factors that make demands on dental materials.
- Discuss the major properties for the following:
 - Gypsum Products
 - Dental Cements
 - Restorative Materials and Bonding Agents
 - Restorative Metals
 - Impression Materials
 - Denture Base Resins
 - Dental Waxes
 - Pit and Fissure Sealants
 - Suture Materials
 - Bleaching Materials
- Demonstrate the ability to manipulate the following:
 - Gypsum Products
 - Dental Cements
 - Restorative Materials
 - Impression Materials
 - Dental Waxes
 - Pit and Fissure Sealants
 - Suture Materials
 - Bleaching/Fluoride Tray
- Discuss precautions for the handling and storage of hazardous materials.

Major Topics to be Included

- Structure and Properties of Dental Materials
- Gypsum Products
- Dental Cements
- Restorative Materials
- Bonding Agents
- Restorative Metals
- Impression Materials
- Denture Base Resins
- Preventive Materials
- Dental Waxes
- Handling Hazardous Materials