

Reviewed by: V. Kimbrough,
Reviewed by: E. Hershkowitz
Reviewed by: S. Jennings
Reviewed by: D. Champion
Date reviewed: Spring 2020
C&GE approved: February 21, 2020

Dental Hygiene (DN TL) 1513 Dental Health Education/Seminar (2 Units) CSU
[formerly Dental Hygiene 13]

Prerequisite: Acceptance into Dental Hygiene Program

Hours and Units Calculations:

32 hours lecture. 64 Outside of class hours. (96 Total student learning hours) 2 Units.

Catalog Description: Principles and practices of prevention and control of dental disease with emphasis on nutrition, plaque control, motivation and chair side patient education are covered in this course.

Type of Class/Course: Degree Credit

Text: Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 12th ed. Philadelphia: Williams,
Additional Required Materials: None

Course Objectives:

By the end of the course a successful student will be able to:

1. Apply the dental hygiene process,
2. Customize individual patients' chairside visual aids,
3. Demonstrate how to plan, implement and evaluate individualized oral hygiene preventative procedures,
4. Understand the concept of preventative dentistry,
5. Demonstrate and evaluate toothbrushes and tooth brushing techniques,
6. Explain and demonstrate auxiliary aids used in performing good oral hygiene,
7. Understand plaque and its relationship to dental caries and periodontal disease,
8. Evaluate selected dental indices,
9. Demonstrate knowledge of fluorides and their effect on teeth, and
10. Effectively use communication and motivational techniques for oral hygiene instruction,

Course Scope and Content:

Unit I Introduction to Dental Health Education
A. Dental Biofilm
B. Soft Deposits

Unit II The Periodontium

Unit III Periodontal Disease Development
A.. Indices that measure oral hygiene status
B. Indices that measure gingival and periodontal health

- C. Indices that measure dental caries
- D. Indices that measure dental fluorosis
- F. Indices for community-based oral health

Unit IV Protocols for Prevention for Dental Caries

- A. Carious process
- B. Remineralization
- C. Maintenance care
- D. Fluoride therapy and supplementation
- E. Proper selection of appropriate fluoride
- F. Clinical procedure for topical fluoride application

Unit V Oral Infection Control

- A. Toothbrushes
- B. Toothbrushing
- C. Interdental Care
- D. Mouthrinses and Dentifrices

Unit VI The Patient with Orthodontic Appliances

- A. The interdental area
- B. Aid selection
- C. Irrigation

Unit VII The Patient with Dental Implants

- A. Implant metals and abutments
- B. Debridement with hand instruments and airflow technologies
- C. Products for self-care

Unit VIII The Patient Who Uses Tobacco

- A. Tobacco and smokeless tobacco products
- B. Effects of tobacco on oral tissues
- C. Techniques for tooth and periodontal care
- D. Use of Oral Rinses

Unit IX Fluorides

- A. In-Office
- B. Home applications

Unit X Dental Hypersensitivity

- A. Etiology
- B. Hydrodynamic Theory
- C. Desensitization

Unit XI Patients with Special Needs

- A. The Pregnant Patient
- B. The Pediatric Patient
- C. The Adolescent Patient

Unit XII Patient Communication

- A. Preventative Counseling
- B. Changing Behaviors

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 3 hours per week outside of the regular class time doing the following:

1. Independent reading and study
2. Assembling an Oral Hygiene Aid Toolbox
3. Research and oral presentation of specific topic related to oral and/or total wellness

Methods of Instruction:

1. Lecture
2. Class discussions
3. Audiovisual presentations
4. Guest lectures

Methods of Evaluation:

1. Oral Hygiene Instruction Practicum
2. Other examinations including:
 - a. multiple choice items
 - b. matching items
 - c. true/false items and
 - d. short answer
3. Oral Hygiene Toolbox

Supplemental Data:

TOP Code:	124020: Dental Hygienist
SAM Priority Code:	C: Clearly Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable(funds not used)
Program Status:	1: Program Applicable
Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class

Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable
Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	NO
Taft College General Education:	NONE
Discipline:	Dental Technology