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Dental Hygiene (DNTH) 1514 Introduction to Clinic (5.5 Units) CSU
[formerly Dental Hygiene 14]

Prerequisite: Acceptance into Dental Hygiene Program

Total Hours: 48 hours lecture; 128 hours lab (176 hours total)

Catalog Description: Introduction to all clinical procedures and skills needed for Dental Hygiene Process of Care.

Type of Class/Course: Degree Credit

Text:

Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 11th ed. Philadelphia: Williams, 2013.

Print.

Nield-Gehrig, J.S., *Fundamentals of Periodontal Instrumentation: Advanced Root Instrumentation*. 8th ed., Williams, 2017.

The Chairside Instructor, 11th Edition: A Visual Guide to Case Presentations 11th Ed. American Dental Association, 2017.

Wilkins, Esther M. and Charlotte J. Wyche. *Student Workbook for Clinical Practice of the Dental Hygienist*. 11th ed. Philadelphia: LWW, 2013. Print.

Additional Required Materials: none

The Chairside Instructor: A Pictorial Guide to Case Presentation, American Dental Association, 1999.

Course Objectives:

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

1. understand oral health and how it relates to total health, and explain the role of the dental hygienist,
2. understand asepsis and practice proper infection control procedures to include Standard Precautions,
3. demonstrate a working knowledge of the components of the dental chair, clinician's chair, and the dental unit,
4. properly sterilize instruments and supplies used in the dental hygiene clinic,
5. demonstrate proper hand hygiene, aseptic technique, and Personal Protective Equipment,
6. provide complete, legible patient treatment records and documentation
7. demonstrate proper ergonomics to include the correct positioning of the patient and the hygienist for all hygiene procedures,
8. demonstrate correct operator position, retraction, and lighting to gain access to all areas of the oral cavity,
10. complete the following clinical procedures on student partners: extra-oral inspections, intra-oral inspections, medical histories, dental histories, personal plaque index, restorative charts, quadrant probes, deposit assessments, and polish and fluoride,
11. demonstrate competency in the following: mouth mirror, explorer, probe, and scaling instruments including Gracey curets, sickle scalers, and universal curets,
12. identify dental stains and select appropriate polishing agents,
13. demonstrate correct sharpening techniques on dental hygiene scaling instruments, and
14. develop an appropriate treatment plan based on patient's needs.

Course Scope and Content:

Unit I Orientation to Clinical Dental Hygiene Practice

- A. Rules and Regulations
- B. Ethics and Professionalism
 - a. Program Standards and Expectations

Unit II Transmissible Diseases

- A. Standard Precautions
- B. Personal Protective Equipment
- C. Hand Hygiene

Unit III Exposure Control

- A. Barriers
- B. Aseptic Technique
- C. Clinical Procedures

Unit IV Extraoral Examinations

- A. Physical Evaluation
- B. Lymph Node Palpation

Unit V Health Histories

- A. Vital Signs
- B. Using the Drug Information Handbook for Dentistry

Unit VI Intraoral Examinations

- A. Intraoral Anatomy
- B. The Gingiva
- C. The Teeth
- D. Occlusion

Unit VII Bacterial Plaque, Calculus and Periodontal Disease

- A. Progression of Disease
- B. Periodontal Abscesses

Unit VIII Introduction to Instrumentation

- A. Mouth Mirror and Lighting
- B. Chair Positioning

Unit IX Dental Histories

- A. The Dentition
- B. Restorations
- C. Classification of Occlusion
- D. Recession, Sensitivity, Abrasion, Attrition, and Erosion

Unit X Instrumentation

- A. The Probe
- B. The Universal Curette
- C. The Sickle
- D. Area Specific Curettes, Graceys
- E. The Explorer

Unit XI Stains, Polishing and Fluoride Treatment

- A. Types of Stains
- B. Fundamentals of Polishing
- C. Selective Polishing
- D. Fluoride Application

Unit XII Calculus Code and Periodontal Typing

- A. Charting Calculus
- B. Periodontal Charting
- C. Determining Code and Type

Unit XIII Instrument Sharpening

- A. Principles of Sharpening
- B. Armamentarium

Unit XIV The Dental Hygiene Treatment Plan

- A. Priority of Treatment
- B. Risk Factors
- C. Treatment Sequencing
- D. Recalls and Re-Evaluations

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 6 hours per week outside of the regular class time doing the following:

- 1. Independent reading
- 2. Studying
- 3. Instrument practice on typodonts
- 4. Pattison Institute Videos

Methods of Instruction:

- 1. Laboratory projects
- 2. Lectures
- 3. Class discussion
- 4. Audio-visual presentations
- 5. Laboratory demonstrations - using chair-mounted, simulated heads with typodonts
- 6. Clinical examination of patient-student partners and selected patients
- 7. Clinical practice and application of typodont and/or of lecture material

Methods of Evaluation:

- 1. Examinations and quizzes, including:
 - a. multiple choice questions
 - b. matching questions
 - c. true/false questions
 - d. essay questions
 - e. short answer questions
- 2. Instrumentation practicums
- 3. Demonstration of professional behavior
- 4. Completion of clinical performance evaluations

Supplemental Data:

TOP Code:	124020: Dental Hygienist
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SAM Priority Code:	C: Clearly Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable(funds not used)
Program Status:	I: 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