

COURSE INFORMATION

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COURSE PREFIX/NO: **DHG 165**

LECTURE HRS/WKS: **Clinical Dental Hygiene I**

LECTURE HRS/WK: 2.0

LAB HRS/WK: 9.0

CREDIT HRS/SEMESTER: 5.0

[DL ATTENDANCE/VA STATEMENT](#)

[TEXTBOOK INFORMATION](#)

COURSE DESCRIPTION:

This is an introductory course to the clinical setting for application of dental hygiene skills for client care.

Co-Requisite: DHG 121, DHG 239

Pre-Requisite: DHG 154, DHG 125, DHG 115

LEARNING OBJECTIVES

1. Perform all competencies in DHG 154 Pre-clinical Dental Hygiene.
2. Maintain operatory asepsis before, during and after dental treatment.
3. Appropriately select dentifrices and/or antimicrobial agents for dental hygiene clients.
4. Demonstrate proper technique of charting restorations, probing depths, furcations and mobility.
5. Describe and discuss fluoride intake, absorption, detection, distribution, retention, excretion and toxicity.
6. Develop, evaluate, and present written dental hygiene care plans to clients to prevent recurring dental disease.
7. Design, implement and present a Case Presentation of a client whom you've seen in a clinical setting.
8. Describe and demonstrate the proper techniques in caring for various dental appliances.
9. Demonstrate competency in the use of sickle scalers and cures on clinical clients.
10. Demonstrate the proper procedure for sharpening scaling instruments.
11. Describe incidence, risk, treatment, and prevention of Carpal Tunnel Syndrome.
12. Demonstrate the correct care and sterilization of instruments.
13. Demonstrate proper selective polishing technique.
14. Demonstrate and provide self-analysis of correct use of the fifteen (15) principles of instrumentation.

15. Adhere to professionalism and Dental Hygiene Program Dress Code.

TEXTS:

Dental Hygiene Theory & Practice, Darby & Walsh
Fundamentals of Dental Hygiene Instrumentation, Nield & Houseman 2nd ed.
Color Atlas of Common Oral Diseases, Langlais & Miller
York Technical College Clinic Manual

COURSE REQUIREMENTS:

In order to successfully complete DHG 165, the student is required to fulfill in following requirements:

1. Attend all lectures and clinical sessions.
2. Complete all reading assignments prior to class session.
3. Adhere to the Infection Control Policy.
4. Adhere to the Dress Code.
5. Complete all clinical requirements to a proficiency level of 80%.
6. Contact instructor prior to class/clinic for unavoidable absence.
7. Complete lecture portion of the course at a proficient level of 80%.
8. Complete a Case Presentation study on a client seen in the clinic.
9. Complete a Process Evaluation of a Class II client by April 30, 1999.

CLINICAL REQUIREMENTS:

In order to successfully complete the clinical portion of DHG 165, the student is required to fulfill the following minimum clinical requirements to a clinical proficiency level of 80%.

Pedo 3
Class I 6
Class II 3

METHOD OF INSTRUCTION:

Lectures
Discussions
Demonstrations
Audio-visual materials
Overhead projections
Clinical applications
Reading assignments
Process Evaluation
Written tests

EVALUATION STRATEGIES:

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Process Evaluation

In DHG 165, each student will complete a clinical scaling competency process evaluation on a class II patient. Process evaluations must be completed to a proficiency level of 80%. All students must be completed with this process evaluation by April 30, 1999.

Written Tests

Students will be tested on objectives with a written test. Students must achieve a grade of 80% or better.

Case Presentations

Students will present information to classmates concerning findings and treatment of a class II patient. These will be presented as students complete class II's. The instructor will notify and schedule presentation time with student. Written guidelines will follow to explain presentation expectations.

Clinical Requirements

Students must complete all clinical requirements to successfully complete DHG 165. Should a student fail to meet the minimal requirements by the end of the semester, the student will receive a grade of "F" and be dismissed from the Dental Hygiene program. If a student has failed to meet the requirements due to unsatisfactory grades, the student will be dismissed from the Dental Hygiene Program. Ample time is given the student to complete the requirements so that a proficient level may be achieved.

ATTENDANCE

Students are expected to attend all lecture and clinical sessions of DHG 165. If an absence is unavoidable, the student must contact the instructor prior to the class and/or clinic session. Failure to contact instructor will result in a grade of zero (0) for the clinic session on a Class I client. **If a student is absent more than three (3) consecutive days, a doctor's statement will be needed.**

Students who miss a written test have 1 week to set up an appointment to make up the test. Failure to schedule a time within 1 week will result in a grade of "0". No test will be returned to the students until all students have taken the test. If a student is not present on test day, seven (7) points will automatically be deducted from the test grade. All tests will be made up in the

Assessment Center located in B-7. Appointments must be scheduled in order to make-up a test in the Assessment Center.

Students are required to be physically present in the clinic during all clinical sessions to which they are assigned. Failure to do so will result in a grade of zero being recorded in student's Class I category. Student's whose clients cancel or break appointments will report to the clinical instructor for instructions on alternate activities. Students will not be dismissed from clinic until 11:30 or 3:30. Leaving clinic prior to this time will result in a grade of "zero" for Class I clients.

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NOTE: Please be aware that a grade of ZERO when averaged in with your Class I client grades can SERIOUSLY affect your grade. You MUST maintain an 80% proficiency level in each patient classification category to successfully complete DHG 165.

GRADING

The final grading scale for DHG 165 is as follows:

A 100-94
B 93-87
C 86-80
F 70 & below

The grade for DHG 165 will be achieved by:

Lecture 20% of Final Grade
Written Tests 15%
SCSADHA Participation 5%
Clinic 80% of Final Grade
Class I's 40%
Class II's 25%
Case Study/Presentation 15%

*** EACH CLASSIFICATION OF CLIENT MUST BE PASSED WITH 80% COMPETENCY ***

*** Students must meet the 80% passing grade in both the lecture and clinical aspects of DHG 165.**

*** All DHG 165 students are required to attend the SCSADHA Meeting in January. Anyone not attending will receive a grade of zero. Remember, this is 5% of your lecture grade!**

CLINICAL DENTAL HYGIENE I DHG 165 COURSE OUTLINE

I. Fifteen Principles of Instrumentation

- A. Purpose and Rationale
- B. Determining proper grasp
- C. Exploratory and working stroke
- D. Proper instrument adaptation
- E. Purpose of fulcrum
- F. Achieving lateral pressure
- G. Evaluation of effectiveness

II. Dental Hygiene Care Plan

- A. Objective
- B. Parts of the dental hygiene treatment plan
- C. Steps in planning
- D. Appointment sequences
- E. Informed consent

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III. Instrument Sharpening

- A. Purpose
- B. Equipment
 - 1. Sharpening stone
 - 2. Sharpening oil
 - 3. Acrylic test sticks
- C. Principles of sharpening
 - 1. preparing instruments and stone
 - 2. Indication for sharpening
 - 3. Instrument design
- D. Techniques
 - 1. Universal curette
 - 2. Gracey curette
 - 3. Straight scaler
 - 4. Curved scaler

IV. Fluoride

- A. Intake
 - 1. Ingestion
 - 2. Absorption
 - 3. Retention
 - 4. Excretion
 - 5. Tooth development
- B. Fluoride action
 - 1. Indications
 - 2. Contraindications
 - 3. Precautions
- C. Professional topical fluorides
 - 1. Sodium
 - 2. Acidulated phosphate fluorides (APF)
 - 3. Stannous fluoride
- D. Self applied fluoride
 - 1. Mouth rinses
 - 2. Prescriptions
 - 3. Dentifrices
 - 4. Brush-on gels

V. Removable Appliances

- A. Types of removable appliances
 - 1. Partial
 - 2. Denture
- B. Care and Cleaning of Removable Appliance
 - 1. Preventive
 - 2. Maintenance
- C. New Denture Client Concerns
- D. Common Denture Induced Oral Lesions
- E. Client Education
- F. Denture Identification Systems

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VI. Dentrifrices

- A. Product Regulation
- B. Ingredients
- C. Types of Fluoride Used in Dentifrices
- D. Dentinal Hypersensitivity
- E. Current Products
- F. Product Selection

VII. Dentinal Hypersensitivity

- A. Site of Occurrence
- B. Etiology
- C. Management

VIII. Antimicrobial Agents

- A. ADA Guidelines
- B. Clinical Findings
- C. Safety
- D. Alcohol Content
- E. Product Selection

IX. Production Evaluation

- A. ADA Seal of Acceptance
- B. Evaluate Tests
- C. Study Designs
- D. Reliability
- E. Statistical Significance

X. Oral Cancer

- A. Clinical Characteristics
- B. Clinical Examinations

XI. Carpal Tunnel Syndrome

- A. Incidence
- B. Risk Factors
- C. Symptoms
- D. Test
- E. Treatment
- F. Prevention