COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

DENTAL HYGIENE COURSE SYLLABUS

Course Information

Course Number: DHYG 1431

Course Title: Preclinical Dental Hygiene

Course Description: Foundational knowledge for performing clinical skills on patients with emphasis on procedures and rationale for performing dental hygiene care. Introduction to ethical principles as they apply to dental hygiene care. Major Requirement: AAS – Dental Hygiene.

Course Credit Hours: 4
Lecture Hours: 2
Lab Hours: 8

Prerequisites: BIOL 2401 and BIOL 2402; both with a grade of "C" or better

Student Learning Outcomes:

- **State Mandated Outcomes:** Upon successful completion of this course, students will:

1. Explain the procedures and rationale for dental hygiene care.
   (SCANS: F2, F5, F6, F7, F8, F11, F13)
2. Demonstrate basic dental hygiene instrumentation skills.
   (SCANS: F6, F7, F8, F9, F10, F11, F15, C1, C3, C5, C6, C7, C11, C12, C13, C16, C19, C20)
3. Define ethical principles related to dental hygiene care.
   (SCANS: F4, F5, F7, F8, F11, F12, F15, F16, C11, C13)

- **Additional Collin Outcomes:** Upon successful completion of this course, students will:

1) Discuss the role of the professional dental hygienist, the dental hygiene process of care and factors that influence clinical practice.
   (SCANS: F6, F7, F8, F9, F10, F11, C1, C3, C5, C6, C7, C9, C10, C11, C12, C13, C14, C16)
2) Display professionalism, punctuality, ethics, infection control, and interest in working with peers, patients, and faculty.
   (SCANS: F4, F5, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C8, C10, C11, C13)
3) Demonstrate proper infection control techniques in the clinical setting.
   (SCANS: F6, F7, F8, F9, F11, F12, F15, F16, C1, C3, C5, C6, C8, C15, C16)
4) Explain the importance of infection control, asepsis and OSHA standards and identify methods of prevention of disease transmission.
   (SCANS: F1, F5, F7, F8, F9, F10, F11, F12, F16, C3, C4, C5, C6, C7, C8, C11, C13, C17)
5) Demonstrate appropriate patient/operator positioning during patient care.
   (SCANS: F3, F6, F8, F9, F11, F15, C3, C16, C19, C20)
6) Perform a thorough and accurate assessment phase of care including:
   a. medical/dental history
   b. vital signs/drug referencing
   c. extroral/intraoral examination
   d. gingival description
   e. dental/periodontal charting
   f. bleeding and plaque indices
   (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12 F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
7) Discuss the etiology and appearance of carious and noncarious lesions.
   (SCANS: F5, F7, F8, F9, F11, F12, F13, 14, F16, C3, C5, C6, C7, C8, C11, C13, C19)

8) Demonstrate effective use of the mirror and compressed air during patient examination and treatment.
(SCANS: F6, F7, F8, F9, F10, F11, F12, F13, C1, C3, C5, C7)
9) Demonstrate effective use of the probe and understand the diagnostic use of the instrument.
(SCANS: F3, F6, F7, F8, F9, F10, F11, F12, F13, C1, C3, C5, C7, C11, C12, C13, C14, C15, C16, C18, C19, C20)
10) Identify oral physiotherapy aids and understand their use and necessary techniques.
(SCANS: F1, F6, F7, F8, F9, F10, F11, C3, C6, C7, C9, C10, C11, C13, C18, C19)
11) Demonstrate effective use of dental explorers for detection of hard deposits, caries, and tooth anatomy.
(SCANS: F6, F7, F8, F9, F11, C3, C11, C16)
12) Demonstrate effective use of area specific curets, universal curets, and sickle scalers.
(SCANS: F3, F6, F7, F8, F9, F10, F11, F13, F15, C1, C3, C7, C11, C16)
13) Differentiate between hard and soft deposits found on the tooth surfaces.
(SCANS: F7, F8, F9, F10, F11, C3, C11, C13, C16)
14) Analyze the need for and effectively apply topical fluoride treatments.
(SCANS: F7, F8, F9, F11, F12, F16, C3, C6, C7, C9, C10, C11, C12, C13, C18, C19)
15) Identify methods employed in effective health promotion and oral disease prevention.
(SCANS: F1, F4, F6, F7, F8, F9, F10, F11, F12, F13, F15, C6, C7, C8, C10, C11, C12, C13, C14, C17, C18, C19)
16) Explain the procedure of developing a dental hygiene care plan and provide rationale for its use in comprehensive patient care.
(SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
17) List the five stages of the dental hygiene process and describe how they are incorporated into dental hygiene practice.
(SCANS: F1, F2, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
18) Discuss importance of medical/dental in office emergencies.
(SCANS: F5, F7, F8, F9, F10, F11, F12, F13, F14, F15, C1, C3, C4, C5, C6, C7, C8, C10, C11, C12, C13, C16, C18, C19)
19) Demonstrate polishing procedures to remove extrinsic stain.
(SCANS: F6, F7, F8, F9, F10, F11, F12, F15, C1, C3, C7, C11, C13, C15, C16, C18, C19, C20)

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http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.