COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

DENTAL HYGIENE COURSE SYLLABUS

Course Information

Course Number: DHYG 2201

Course Title: ~~Contemporary~~ Dental Hygiene Care I

Course Description: Dental hygiene care for the medically or dentally compromised patient including supplemental instrumentation techniques. Lab required. Major Requirement: AAS – Dental Hygiene.

Course Credit Hours: 2
Lecture Hours: 2
Lab Hours: 1

Prerequisites: DHYG 1227 and DHYG 1261; both with a grade of "C" or better

Corequisite~~s~~: ~~DHYG 2153 (or DHYG 1123) and~~ DHYG 2361, or consent of Program Director.

Student Learning Outcomes:

- **State Mandated Outcomes:** Upon successful completion of this course, students will:
  1. Assess various patient needs.
     SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F14, F15, F16, C5, C7, C10, C11, C12)
  2. Formulate a dental hygiene care plan for the medically and/or dentally compromised patient.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F15, F16, C1, C3, C9, C10, C11, C12, C13, C14)
  3. Describe supplemental instrumentation techniques.
     (SCANS: F1, F2, F4, F5, F6, F7, F10, F12, F13, C5, C6, C7, C8, C10, C11, C13, C18, C19)
- **Additional Collin Outcomes:** Upon successful completion of this course, students will:
  1. Design instrumentation techniques appropriate to various patient needs.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C7, C8, C10, C11, C12, C13)
  2. Explain modifications in treatment of the medically and dentally compromised patient.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C7, C8, C10, C11, C12, C13)
  3. Advance the profession through leadership, service activities and affiliation with professional organizations by attending an area professional meeting.
     (SCANS: F1, F2, F4, F6, F7, F9, F10, C8, C11, C12, C13, C15)
  4. Analyze and interpret assessment data to formulate a dental hygiene diagnosis related to and congruent with the diagnosis of the dentist and other health professionals when treatment planning periodontally involved patients.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F10, F11, F12, F13, F14
  5. Select and administer the appropriate chemotherapeutic agents (e.g., preventive, antimicrobial, desensitizing) and provide pre- and post-treatment instructions.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F10, F11, F12, F13, F14, F15, F16, C1, C7, C8, C9, C10, C11, C12, C13)
  6. Discuss adjunct services that can be legally performed in the State of Texas that may benefit the periodontal patient to return them to a state of good oral health.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C8, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
  7. Determine priorities and establish oral health goals based on case studies including patients of all ages and veterans.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C8, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
  8. Employ the principles of scientific writing.
     (SCANS: F1, F2, F6, F7, F8)
  9. Commit to self-assessment and life-long learning in order to provide contemporary clinical care.
     (SCANS: F1, F2, F4, F5, F6, F7, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)

10. Promote preventive health behaviors by personally maintaining optimal and general health.
    (SCANS: F1, F2, F4, F6, F7, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
11. Solve problems and make decisions based on accepted scientific principles.
    (SCANS: F1, F2, F4, F6, F7, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
12. Critically analyze published reports of oral health and evaluate the safety and efficacy of oral health products and/or treatments.
    (SCANS: F1, F2, 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)
13. Explain the rationale for planning dental hygiene care for the periodontal patient.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
14. Discuss the role of the dental professional in preventing tobacco use and how to apply a tobacco cessation program for the patient.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
15. Discuss the mechanism of action and application of the ultrasonic and sonic scalers using advanced techniques.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)
16. Understand the basic fundamentals for treating geriatric/edentulous patient15. Understand concept of advanced instruments, techniques and how and when to apply them appropriately.
    (SCANS: F1, F2, 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. Understand the basic fundamentals for treating the special needs patient.
    (SCANS: F1, F2, 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)
18. Analyze and discuss professional home care treatment program for periodontally involved clients.
    (SCANS: F1, F2, 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)
19. Demonstrate on typodont furcation probing techniques.
    (SCANS: F1, F2, 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)
20. Understand the basic applications of pain and anxiety control.
    (SCANS: F1, F2, 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)
21. Understand and demonstrate medical emergency protocol.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F9, F10, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
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.