COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

DENTAL HYGIENE COURSE SYLLABUS

Course Information

Course Number: DHYG 1261

Course Title: Clinical I – Dental Hygienist

Course Description: A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Major Requirement: AAS – Dental Hygiene.

Course Credit Hours: 2
Clinical Hours: 8

Prerequisites: ~~BIOL 2420,~~ DHYG 1201 (or DHYG 1301) and DHYG 1431 (or DHYG 1331); both with a grade of "C" or better

Student Learning Outcomes:

- **State Mandated Outcomes:** Upon successful completion of this course, students will:
  1. Apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.
     (SCANS: F7, F8, F9, F11, F12, F15, F16, C3, C7)
  2. Demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.
     (SCANS: F4, F5, F12, F14, F15, F16, C5, C7, C10)
- **Additional Collin Outcomes:** Upon successful completion of this course, students will:
  1. Deliver dental hygiene services to clients exhibiting a variety of dental and periodontal conditions.
     (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C16, C18, C20)
  2. Chart and evaluate a Health/Dental history on clinic patients.
     (SCANS: F1, F2, F4, F5, F6, F7, F8, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C10, C11, C12, C13, C14)
  3. Take and record accurately vital signs on clinic patients.
     (SCANS: F1, F2, F4, F5, F7, F8, F11, F12, F13, F14, F15, F16, C1, C3, C5, C7, C10, C11, C12, C13)
  4. Explain the etiology and prognosis of dental disease so that the patient understands his/her role in home care.
     (SCANS: F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C6, C7, C9, C10, C11, C12, C13, C14, C19)
  5. Record variations in the extra/intra oral anatomy of clinic patients.
     (SCANS: F1, F2, F4, F5, F7, F8, F11, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C10, C11, C12, C13)
  6. Communicate clearly and effectively with clinic patients.
     (SCANS: F4, F5, F13, F14, F15, F16, C1, C5, C7, C9, C10, C13)
  7. Practice body mechanic techniques which allow a range of motion with optimal operator comfort.
     (SCANS: F6,F7, F8, F9, F10, F11, F15, C3, C9)
  8. Obtain complete information requested on patient medical health questionnaire.
     (SCANS: F1, F2, F4, F5, F7, F8, F11, F12, F13, F14, F15, F16, C1, C3, C5, C7, C10, C11, C12, C13, C14)
  9. Confirm current physician and dentist, including telephone numbers and addresses.
     (SCANS: F1, F2, F4, F5, F12, F13, F14, C3, C7, C10, C11, C12, C13)
  10. Explain to patient the value and use of a complete medical/dental history.
      (SCANS: F4, F5, F11, F12, F13, F14, F16, C1, C5, C7, C10, C13)
  11. Maintain confidentiality of patient records.
      (SCANS: F12, F16, C7, C8)
  12. Inform patient of all procedures before treatment and as performed.
      (SCANS: F2, F4, F5, F6, F7, F8, F9, F11, F12, F14, F15, F16, C1, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C18, C19)
  13. Develop with faculty assistance dental hygiene care plans and oral health education strategies for clients exhibiting a variety of dental and periodontal conditions.
      (SCANS: F1, F2, F3, F4, F5, F6 F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C18, C19)

14. Maintain an aseptic environment throughout the dental appointment to prevent transmission of blood borne pathogens.
    (SCANS: F7, F8, F9, F11, F12, F15, F16, C1, C3, C5, C7, C8)
15. Demonstrate proper hand washing and gloving for clinic.
    (SCANS: F7, F8, F9, F11, F12, F15, F16, C3, C7)
16. Perform infection control procedures consistent with program and OSHA guidelines.
    (SCANS: F7, F8, F9, F11, F12, F15, F16, C3, C7)
17. Chart the dental condition for all teeth, recording missing, restored and diseased tissues.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F11, F12, F13, F14, F15, F16, C1, C3, C5, C10, C11, C12, C13)
18. Explain, record, and evaluate various levels of periodontal disease.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F10, F11, F12, F13, F14, F15, F16, C1, C3, C5, C6, C7, C10, C11, C12, C13, C14)
19. Interpret data collected for the purpose of assessment and dental treatment.
    (SCANS: F11, C11, C12, C13)
20. Provide oral health instruction based upon individual patients needs.
    (SCANS: F1, F2, F4, F5, F6, F7, F11, F12, F13, F14, F15, F16, C1, C3, C6, C7, C8, C9, C10, C11, C13)
21. Complete a calculus detection examination using an explorer.
    (SCANS: F7, F11, C1, C7, C11, C12)
22. Use radiographic surveys to detect abnormal tissues and detect calculus.
    (SCANS: F7, F11, C1, C7, C11, C12)
23. Use dental radiographs to explain dental disease to patients.
    (SCANS: F7, F11, F12, F13, F14, F15, F16, C1, C7, C10, C11, C12, C13)
24. Remove plaque, calculus and stain from the assigned teeth with at least an 80% efficiency level.
    (SCANS: F7, F8, F10, F11, F12, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
25. Polish coronal surfaces after a thorough scaling procedure as treatment planned.
    (SCANS: F7, F8, F10, F11, F12, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
26. Demonstrate the appropriate steps for a topical fluoride application.
    (SCANS: F5, F7, F8, F11, F12, F13, F14, F15, F16, C1, C3, C7, C10, C13)
27. Provide patient with instructions for home care related to post scaling services.
    (SCANS: F1, F2, F4, F5, F6, F7, F11, F12, F13, F14, F15, F16, C1, C3, C6, C7, C8, C9, C10, C13)
28. Review with patient rationale for recalls at the end of treatment.
    (SCANS: F1, F2, F4, F5, F7, F11, F12, F13, F14, F15, F16, C1, C5, C7, C8, C9, C10, C11, C12, C13, C14)
29. Successfully complete competencies as determined by course requirements.
    (SCANS: F6, F7, F8, F10, F11, F12 F13, F15, F16, C1, C3, C5, C8, C9, C10)
30. Integrate clinic experiences with didactic course work.
    (SCANS: F4, F5, F7, F8, F10, F11, F12, F14, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
31. Identify appropriate instruments for scaling in moderate pocket depths and furcations.
    (SCANS: F7, F8, F10, F11, F12, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
32. Use a periodontal probe to take and record pocket depth with not more than 1 millimeter error.
    (SCANS: F7, F8, F10, F11, F12, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
33. Demonstrate the technique for using graceys on all areas of the mouth.
    (SCANS: F7, F8, F10, F11, F12, F15, F16, C1, C3, C5, C7, C10, C11, C18, C19)
34. Demonstrate medical emergency procedures following clinic protocols.
    (SCANS: F1, F2, F4, F5, F7, F8, F10, F11, F12, F14, F15, F16, C1, C3, C5, C7, C8, C10, C11, C12, C13)
35. Record all services provided in the patient's record properly.
    (SCANS: F1, F2, F6, F7, F8, F10, F11, F12, F15, F16, C1, C3, C7, C11, C12)

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.