



Learning Outcomes for Second Year BS Courses: DENT 4401, DENT 4402, DENT 4403, DENT 4403C, DENT 4408, DENT 4411, DENT 4411C, DENT 4412C, DENT 4413, DENT 4414, DENT 4422, DENT 4404, DENT 4404C, DENT 4421 and DENT 4424.

- 1) Demonstrate competence in critically evaluating current literature in the oral healthcare field and in evidence-based decision making for dental hygiene practice.
- 2) Use critical thinking, problem solving, and principles of periodontal treatment planning to create individualized care plans for cases requiring nonsurgical periodontal therapy for Stage 2, Stage 3 and Stage 4 periodontitis including medically complex health conditions.
- 3) Use clinical outcomes and critical thinking to plan treatment, education, and referrals and determine prognosis at a reevaluation and/or maintenance appointment following active periodontal therapy.
- 4) Apply self-assessment and reflection principles during patient care.
- 5) Demonstrate competency with assessment, planning, diagnosis, implementation and evaluation when providing dental hygiene care for all types of clients (children, adolescents, adults, older adults, medically compromised, special needs, culturally diverse and periodontally-involved cases).
- 6) Demonstrate ethical and legal decision making and abide by the Standards for Dental Hygiene Practice through appropriate case management during the provision of care for all clients.
- 7) Demonstrate competency with the Ethical Decision-Making Process for professional, ethical and legal issues and apply the ADHA Standards of Practice, Code of Ethics and Standards of Responsibility.
- 8) Apply ethical and legal principles when critically evaluating innovative workforce models for the delivery of oral health care.
- 9) Demonstrate skills for oral assessment, treatment planning, implementation, and evaluation of conservative restorative treatment that can be performed legally by dental hygienists.
- 10) Demonstrate competency with the administration of local anesthetic agents and nitrous oxide analgesia procedures to provide safe and comfortable care for all clients.
- 11) Demonstrate competency with quality restorative and supportive care (placing and finishing amalgam and composite restorations, pit and fissure sealants, etc.); to promote and maintain oral health.
- 12) Access and critically evaluate scientific literature to make evidence-based decisions that improve the quality of care for populations.
- 13) Formulate a needs assessment to assess the disparities of an under-served population in the development of an oral health program.
- 14) Create an oral health program for diverse populations or those with limited access to care in a variety of community settings.

- 15) Work collaboratively within a variety of public agencies, organizations or groups to conduct community oral health programs.
- 16) Demonstrate competency in implementation and evaluation an oral health program for at risk populations.
- 17) Deliver health promotion, disease prevention, and preventive oral health care for older adults, those with special needs, and populations of lower SES that face barriers in seeking dental hygiene care.
- 18) Demonstrate instructional strategies and assessment techniques that support student-centered learning.
- 19) Design a teaching unit that can be utilized for classroom or professional education.
- 20) Demonstrate competency for professional development through self-assessment and critical thinking skill during the provision of quality, safe and comfortable dental hygiene care for clients from various age groups, culturally diverse backgrounds and those with special needs.
- 21) Demonstrate competency with dental hygiene case presentation which includes the dental hygiene diagnosis and obtain informed consent from the client using effective interpersonal and communication skills.
- 22) Demonstrate competency with individualized self-care education to increase awareness and understanding of disease theories and risk factors contributing to caries, periodontal disease, and oral and systemic health conditions; and preventive and therapeutic interventions to address the client's individual needs.
- 23) Demonstrate competency with nonsurgical periodontal therapy for clients with Stage 3 to Stage IV periodontitis, including the critical assessment of treatment outcomes during reevaluation to determine prognosis, continuing care intervals and need for professional referrals.
- 24) Provide supportive and preventive dental hygiene services that can be legally performed in any state using efficient time management (e.g., selective polishing, amalgam polishing, sealants, margination, impressions study models, fluoride and whitening trays, localized therapeutic delivery, STC, etc.).
- 25) Develop a leadership philosophy that provides guidance for future endeavors in a dental hygiene career.
- 26) Locate and analyze professional credible evidence to support facts for developing a new health policy and engage in advocacy behaviors to initiate change.
- 27) Appreciate and respect unique cultural values of other health professionals, roles/responsibilities of other health disciplines, and establish diverse and innovative interprofessional relationships through interprofessional activities.



- 28) Analyze the process of applied financial and business management when assessing, planning, implementing, managing, & evaluating programs in health care.
- 29) Create a new workforce model or improve an existing workforce model such as the Advanced Dental Hygiene Practitioner or Dental Therapist through the application of the logic model evaluating quality assurance and clinical efficacy measures with preventive and restorative cliental utilizing ADHA core values and code of ethics.