

# ADED 103C : Dental Hygiene II

An introduction to common systemic diseases with emphasis on dental hygiene treatment planning, as well as the prevention and management of medical and dental emergencies. Topics discussed relate to substance abuse, stress, occupational and environmental hazards, and special-needs patients.

**Credits** 2

**Lab/Practicum/Clinical Hours** 0

**Lecture Hours** 2

**Prerequisite Courses**

BIOL 195C

ADED 100C

ADED 113C

ADED 134C

**Learning Outcomes**

- Define how physical examination, evaluation, and treatment modification can function in identifying and preventing potential life-threatening situations in the dental hygiene environment. (Program Competencies 6.1, 6.2, 6.10, 6.13, 6.15)
- Discuss the ethical and legal considerations of risk assessment and emergency management within the dental hygiene scope of practice. (Program Competencies 1.1, 1.4, 6.13, 8.7)
- Demonstrate the ability to utilize pertinent reference tools for identification and information regarding medical conditions and medications. (Program Competencies 2.5, 6.1, 6.15)
- Develop a dental hygiene care plan for patients with the following medically compromised conditions (Program Competencies 7): cardiovascular disease, pulmonary disease, kidney disease, liver disease, blood disorders, neurologic disorders.
- Develop a dental hygiene care plan for special needs patients during pregnancy, infancy, and adolescence. (Program Competencies 7)
- List the basic equipment and drugs for managing medical emergencies in the dental environment. (Program Competencies 3.5, 8.7)
- State protocol for the emergency management of (Program Competencies 8.7): acute myocardial infarction, airway obstruction, anaphylaxis, asthmatic episode, cerebrovascular accident, hyperventilation, hypoglycemia, seizures, vas-odepressor syncope.