
COURSE PREFIX/NO:	DHG 115
COURSE TITLE:	Medical and Dental Emergencies
LEC HOURS/Week:	2.0
LAB HOURS/Week:	0.0
CREDIT HOURS/Semester:	2.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course provides a study of the various medical/dental emergencies and appropriate treatment measures. Additionally, it includes managing medically compromised dental clients and provides for CPR certification.

COURSE COMPETENCIES

Module One - Assessment

1. Explain the importance of an accurate and complete medical history.
2. Complete a thorough medical history including a dialogue history.
3. Explain the ASA Physical Classification and give examples of each.
4. Discuss, take, and record the vital signs.

Module Two – Emergency Preparation

1. Demonstrate operation of the oxygen tank in the clinic and identify the components of the emergency drug kit.
2. Discuss general preparation and emergency protocol in the dental office
3. Discuss legal issues associated with medical emergencies in the dental office.

Module Three - Management of Medical Emergencies

1. Identify common medical emergencies that can occur in a dental office and respond with appropriate action.
2. Identify clients with cardiovascular disorders and determine the management prior to, during and after dental treatment.
3. Determine the management of client who suffer with respiratory disorders to include a discussion of the types and etiology of respiratory disorders.
4. Identify clients with a history of neurocerebral disorders and determine the appropriate management prior to, during and following dental treatment.
5. Determine the correct pre-operative management of clients with diabetes and discuss the management of an emergency situation.
6. Identify various types of allergic reactions and their treatment.

Module Four – Occupational Hazards and Dental Emergencies

1. Discuss the various occupational hazards that may occur in the dental office to include their treatment and prevention.
2. List and discuss some common dental emergencies that may occur in the dental office to include their treatment and prevention.

Module Five – Medically Compromised Patients

1. Identify patients with kidney and liver disease and determine the proper management during dental treatment.
2. State the various types of blood disorders and explain how they can influence dental treatment.
3. Describe the management of immunocompromised clients to include those with a history of Sexually Transmitted Diseases, HIV, AIDS, Lupus, Arthritis, Prosthetic Implants and organ transplants.

CLINICAL APPLICATION

Dental Hygiene students will learn technique for taking vital signs and reviewing a health history while in the classroom. Applying the skills will occur in the clinical setting during DHG 154 and subsequent clinical courses.

COURSE REQUIREMENTS

In order to successfully complete DHG 115, the student is required to fulfill the following requirements:

1. Attend all lecture sessions
2. Complete all written test with 80% competency.
3. Complete all assignments as required by course instructor, all assignments will be averaged together and recorded as one test grade.
4. Each student must be currently certified in CPR by the American Heart Association or the American Red Cross

METHOD OF INSTRUCTION

- Lectures and PowerPoint Presentations
- Discussions
- Audio-visual aids
- Reading Assignments
- Handouts
- Written Tests
- Case Studies

ATTENDANCE

If students are absent for more than 10% of the scheduled classes, they may be withdrawn. Three tardies constitute one absence.

GRADING

The final grade scale for DHG 115 is as follows:

100-94	A
93-87	B
86-80	C
79-73	D
72-below	F

Any final Grade average below 80% will result in dismissal from the DHG program.

ENTRY LEVEL SKILLS: None

CO-REQUISITES: DHG 125, DHG 154

PREREQUISITE: Admission to the Dental Hygiene Program

Disabilities Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.