



8564

HUMAN BODY SYSTEMS (11B)

30S/30E/30M

A Dental Assisting Course

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Course Description

This theory-based course corresponds with the Red River College course *Life Sciences*. It deals with

- systems of the body, with emphasis on the head and neck
- the study of various lesions found in the oral cavity
- pharmacology, as it relates to dentistry

Goal 1: Describe and apply appropriate **health and safety** practices as they relate to dental assisting.

GLO 1.1: Describe and apply appropriate **health and safety** practices.

No applicable SLOs.

GLO 1.2: Create and maintain a **safe working environment**.

No applicable SLOs.

Goal 2: Demonstrate the safe and appropriate **operation, maintenance, handling, and storage** of **equipment, instruments, materials, and consumable items**.

GLO 2.1: Demonstrate the safe and appropriate **operation, maintenance, and storage** of **equipment and instruments**.

No applicable SLOs.

GLO 2.2: Demonstrate the safe and appropriate **handling and storage** of **materials and consumable items**.

SLO 11B.2.2.1 Describe the role of the dental assistant with regard to the storage, administration, and handling of drugs.

Goal 3: Demonstrate the ability to **assist** the operator when providing oral health care services.

GLO 3.1: Describe and demonstrate the dental assistant's role when **assisting** the operator with various procedures.

No applicable SLOs.

Goal 4: Demonstrate the ability to **provide** oral health care services for patients.

GLO 4.1: Describe and demonstrate the dental assistant's role when **providing** oral health care services.

SLO 11B.4.1.1: Identify anomalies and lesions that occur in the oral cavity.

SLO 11B.4.1.2: Recognize the relationship between general health and oral manifestations.

SLO 11B.4.1.3: Recognize the effect of oral disease on general health.

SLO 11B.4.1.4: Recognize the use of medications commonly used in dentistry.

SLO 11B.4.1.5: Describe the effect of medications on the oral cavity.

SLO 11B.4.1.6: Describe how medications affect the overall state of the patient.

Goal 5: Demonstrate an understanding of **career opportunities** in the dental profession.

GLO 5.1: Describe **post-secondary education and employment opportunities** in dental assisting and related professions.

No applicable SLOs.

Goal 6: Describe and demonstrate transferable **cross-curricular knowledge and skills** as they relate to dental assisting.

GLO 6.1: **Read, interpret, and communicate information** related to dental assisting.

SLO 11B.6.1.1: Retrieve relevant information and use it when required.

GLO 6.2: Demonstrate knowledge and skills related to **mathematics** used in dental assisting.

No applicable SLOs.

GLO 6.3: Demonstrate knowledge and skills related to **anatomy and physiology** used in dental assisting.

- SLO 11B.6.3.1: Demonstrate an understanding of the basic anatomy and physiology of the head and neck region in order to assist with dental procedures, perform dental services, and provide client education.
 - SLO 11B.6.3.2: Identify and describe anatomical landmarks of the oral cavity.
 - SLO 11B.6.3.3: Identify landmarks of the head and neck.
 - SLO 11B.6.3.4: Identify and describe human body systems (including the skeletal, muscular, nervous, circulatory, respiratory, digestive, excretory, endocrine, and integumentary systems), with an emphasis on the head and neck.
 - SLO 11B.6.3.5: Describe disorders of human body systems.
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GLO 6.4: Demonstrate knowledge and skills related to **other subject areas** (science, physical education/health education, information and communication technology) used in dental assisting.

- SLO 11B.6.4.1: Describe pharmacology as it relates to dentistry.
 - SLO 11B.6.4.2: Describe drugs frequently used in dentistry.
 - SLO 11B.6.4.3: List pharmaceuticals and describe their effects on the human body, with an emphasis on the oral cavity.
 - SLO 11B.6.4.4: Discuss how pharmaceuticals affect dental procedures.
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Goal 7: Demonstrate awareness of **sustainability** as it pertains to dentistry.

GLO 7.1: Describe the impact of **sustainability** on the **health and well-being** of dental assistants and their patients.

No applicable SLOs.

GLO 7.2: Describe the dental industry's **sustainability practices** and their **impact on the environment**.

No applicable SLOs.

GLO 7.3: Describe **sustainable business practices** within the dental industry.

No applicable SLOs.

Goal 8: Demonstrate **ethical and legal standards** as they pertain to the dental profession.

GLO 8.1: Practise **ethical and legal standards** as they pertain to dental assisting.

No applicable SLOs.

Goal 9: Demonstrate **employability skills** related to dental assisting.

GLO 9.1: Demonstrate **fundamental employability skills**.

SLO 11B.9.1.1: Demonstrate problem-solving skills.

SLO 11B.9.1.2: Evaluate problems and implement appropriate solutions.

GLO 9.2: Demonstrate **teamwork** skills.

No applicable SLOs.

GLO 9.3: Demonstrate **personal management skills**.

SLO 11B.9.3.1: Demonstrate punctuality and reliability.

GLO 9.4: Demonstrate an understanding of the **business operation** of a dental office.

SLO 11B.9.4.1: Describe the role of the dental assistant with regard to maintaining records of drugs administered/prescribed in a dental office.

Goal 10: Demonstrate an understanding of the **evolution** of the dental profession, including its **technological progression** and **emerging trends**.

GLO 10.1: Describe the **evolution** of the dental profession, including its **technological progression** and **emerging trends**.

No applicable SLOs.
