Course Specification
Student Version

Course Title:	Anatomy, Embryology & Histology
Course Code:	ANAT 211
Department:	Basic Medical Sciences
Program:	Bachelor of Dentistry
College:	Vision College in Riyadh
Institution:	Vision College in Riyadh
Revised:	July 2025

A. Course Identification

1. Credit hours: 4 (2+2+0)
2. Level/year at which this course is offered: Level 3/Year 2
3. Pre-requisites for this course (if any): None
4. Co-requisites for this course (if any): None

B. Teaching Methods

1	Lecture
2	Assignment
3	Practical session

C. Course Description and Objectives

1. Course Description

At the end of the course the student should be able to:

1. Learn the anatomical vocabulary necessary to communicate effectively with colleagues.
2. Acquire the anatomical knowledge necessary to demonstrate clinical competence.
3. Describe the cell structure and the functions of its components.
4. Describe the macroscopic and microscopic structure of the systems in the human body.
5. Appreciate the tremendous variability of the human body and its clinical relevance.
6. Develop a sense of compassion and respect for the patient, especially under difficult circumstances.
7. Strengthen and refine the skills necessary to work effectively with others in solving problems and achieving goals

2. Course Main Objective

1. Increased use of audio-visual presentations.
2. Encourage student centered learning.
3. Implementation of sessions of oral discussion.

3. Course Objectives

By the end of this course, students should be able to:

- Demonstrate the knowledge of the general anatomical terms and outline the microscopic cell structure and the function of the different systems of the body.
- Recognize the embryological terms and stages of embryology with emphasis on normal development, maturation and related congenital anomalies
- Identify the gross anatomical structure of various body systems and organs..
- Illustrate the anatomical features of different body organs and systems on the cadaveric specimens and models.

- Implement the basic knowledge for comparing between the different tissues and organs.
- Demonstrate the principles of leadership, teamwork collaboration and time management effectively.

D. Course Content

No	List of Topics
1	Introduction to the block and cell structure
2	Musculoskeletal system
3	Cardiovascular system
4	Endocrine system
5	Lymphatic system
6	Respiratory system
7	Nervous system
8	Digestive system
9	Urinary system
10	Male & female genital system
11	Introduction to Basic Embryology & Pharyngeal arches

E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Midterm exam (MCQs)	20 %
2	Quiz-I	5 %
3	Quiz-II	5 %
4	Assignment Evaluation	10 %
5	Practical Exam	20 %
6	Final Written Exam (MCQs)	40 %
	Total	**100%**

F. Learning Resources

Essential References	• The Anatomical Basis of Dentistry, 3rd Edition. By Bernard Liebgott Student's Grays (Edition 3).
Supportive References	• Anne Waugh & Allison Grant (2010): "Anatomy and physiology in Health and Illness" Churchill Livingstone Elsevier • Snell, R.S. "clinical anatomy by systems ''Lippincott Wiliams & Wilkinns • Moore,K. and Dalley, A.(2006) "Clinically oriented anatomy" 6th edition, Lippincott Wiliams & Wilkinns

Electronic Materials	• LMS
Other Learning Materials	• http://library.med.utah.edu/WebPath/webpath.html • https://pubmed.ncbi.nlm.nih.gov/ • https://www.medline.com/home.jsp • http://www.lab.anhb.uwa.edu.au/mb140/ • http://histology.osumc.edu/histology/HumanHisto/index.htm • www.studentconsult.com