University of Al Ameed

Faculty of Health and Medical Technologies

Department of

All departments

Anatomy and Histology

Course Description

Course Information					
Course Title	Human Anatomy & Histology	**Course Delivery**			
Course Code	HS-101	**Method**		**H/Week**	**Frequency**
Credits	3	**Theory**		3	
		Online Lecture			
Course Type	Compulsory	**Lab**		4	
Course Level	Undergraduate – First Year	**Tutorial**			
		Practical			
Semester of Delivery	Semester 1	**Seminar**			
Administering Department	All departments	**Faculty**	Health and Medical Technologies		
Instructor	Dr. Ahmed Ali	**E-mail**	ahmed.ak@alameed.edu.iq		
Version Number	1.0	**Scientific Committee Approval Date**		Version Number	

Brief Description

This course introduces students to the fundamental structures of the human body. It covers the anatomy of major systems including digestive, cardiovascular, respiratory, nervous, and musculoskeletal systems, with emphasis on clinical relevance and applications in health sciences.

Course Objective, Learning Outcomes and Indicative Contents

Course Objective	• **Objective:** To provide students with a comprehensive understanding of human anatomical structures and their functional relationships, preparing them for clinical and laboratory applications.
Course Learning Outcomes	• **Learning Outcomes (SMART):** 1. By Week 1, students will identify anatomical terminology and directional planes. 2. By Week 2, four basic tissues (structure, site, and function). 3. By Week 3, students will describe the structure and function of the digestive system. 4. By Week 4, students will describe the structure and function of the digestive system. 5. By Week 5, students will explain the anatomy of the cardiovascular system. 6. By Week 6, students will outline the respiratory system and its components. 7. By Week 7, students will analyze the central and peripheral nervous systems. 8. By Week 8, students will classify major bones and muscles of the musculoskeletal system. 9. By Week 9, students will describe the structure and function of the Lymphatic system 10. By Week 10, students will describe the structure and function of the Endocrine System. 11. By Week 11, students will describe the structure and function of the Integumentary System 12. By Week 12, students will describe the structure and function of the Reproductive system. 13. By Week 13, students will describe the structure and function of the Urinary system 14. By Week 14, students will integrate anatomical knowledge with physiological functions. 15. By Week 8, students will apply anatomical knowledge to clinical procedures such as injection sites.

Indicative Contents	• **Theory Lectures:**
	  ○ Lecture 1: Introduction to Anatomy – Terminology & Directions
	  ○ Lecture 2: four basic tissues (structure, site, and function).
	  ○ Lecture 3: Digestive System – Structure & Functions
	  ○ Lecture 4: Digestive System – Structure & Functions
	  ○ Lecture 5: Cardiovascular System – Heart & Vessels
	  ○ Lecture 6: Respiratory System – Lungs & Airways
	  ○ Lecture 7: Nervous System – Brain & Spinal Cord
	  ○ Lecture 8: Musculoskeletal System – Bones & Muscles
	  ○ Lecture 9: Lymphatic system, structure & functions
	  ○ Lecture 10 : Endocrine System, .structure and function.
	  ○ Lecture 11: Integumentary System, structure and function.
	  ○ Lecture 12: Reproductive system, structure and function.
	  ○ Lecture 13: Urinary system, structure and function.
	  ○ Lecture 14: Clinical Applications of Anatomy
	  ○ Lecture 15: Clinical Applications of Anatomy
	• **Laboratory Sessions:**
	  ○ Lab 1: Anatomical Models – Orientation
	  ○ Lab 2: four basic tissues slides .
	  ○ Lab 3: Digestive System Dissection
	  ○ Lab 4: Digestive System Dissection
	  ○ Lab 5: Cardiovascular System Models
	  ○ Lab 6: Respiratory System Models
	  ○ Lab 7: Nervous System Models
	  ○ Lab 8: Musculoskeletal System Models
	  ○ Lab 9: Lymphatic system Models
	  ○ Lab 10: Endocrine System Models
	  ○ Lab 11: Integumentary System Models
	  ○ Lab 12 Reproductive system Models
	  ○ Lab 13: Urinary system Models
	  ○ Lab 14: Practical Applications – Injection Sites
	  ○ Lab 15: Practical Applications – Injection Sites

Learning and Teaching Strategies

Strategies	• Interactive lectures • Laboratory demonstrations with anatomical models • Group discussions and tutorials • Student presentations • Online resources and blended learning

Course Evaluation

		Time Number	Weight (Marks)	Week Due															Relevant Learning Outcome									
				W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Formative	Quizzes	5	5%				1		1		1		1		1							1		1		1	1	1
	Report	5	5%					1		1		1		1		1												
	Lab Report	5	5%				1		1		1		1		1													
	Project	3	5%					1				1				1												
	Online Assig.	4	5%						1		1		1		1													
	Onsite Assig.	4	5%						1		1		1		1													
	Seminar	2	5%						1					1														
Summative	Mid. Exam T	1	10							1														1				
	Mid. Exam L	1	10							1														1				
	Mid. Exam P	1	10							1														1				
	Final Exam T	1	15	Week 16																								
	Final Exam L	1	10																									
	Final Exam P	1	10																									
Total assessment			100%																									

Delivery Plan (Weekly Syllabus)

	Material Covered
Week 1	Introduction to Anatomy
Week 2	Four basic tissues
Week 3	Digestive System
Week 4	Digestive System
Week 5	Cardiovascular System
Week 6	Respiratory System
Week 7	Nervous System
Week 8	Musculoskeletal System
Week 9	Lymphatic system
Week 10	Endocrine System
Week 11	Integumentary System
Week 12	Reproductive system
Week 13	Urinary system
Week 14	Review
Week 15	**Review**

Delivery Plan (Weekly Lab. Syllabus)

	Material Covered
Week 1	Introduction to Anatomy
Week 2	Four basic tissues
Week 3	Digestive System
Week 4	Digestive System
Week 5	Cardiovascular System
Week 6	Respiratory System
Week 7	Nervous System
Week 8	Musculoskeletal System
Week 9	Lymphatic system
Week 10	Endocrine System
Week 11	Integumentary System
Week 12	Reproductive system
Week 13	Urinary system
Week 14	Review
Week 15	**Review**

Learning and Teaching Resources

	Title or Address	**Available in the Library?**
Required Texts	Tortora, G.J. & Derrickson, B. *Principles of Anatomy and Physiology*. 15th Edition. Wiley, 2017.	Yes
Recommended Texts	Moore, K.L. *Clinically Oriented Anatomy*. 8th Edition. Wolters Kluwer, 2018.	Yes
Websites	Anatomy.tv	
	Visible Body	

Grade Policy

Class Participation	
Quizzes	5%
Report	5%
Lab Report	5%
Project	5%
Online Assig.	5%
Onsite Assig.	5%
Seminar	5%
Mid. Exam Theory	10%
Mid. Exam Lab.	10%
Mid. Exam Practical	10%
Final Exam Theory	15%
Final Exam Lab.	10%
Final Exam Practical	10%

Grading Scheme

Group	Grade	التقدير	Marks %
Success Group (50 - 100)	**A –** Excellent	امتياز	90 - 100
	B - Very Good	جيد جدا	80 - 89
	C - Good	جيد	70 - 79
	D - Satisfactory	متوسط	60 - 69
	P - Pass	مقبول	50 - 59
Fail Group (0 – 49)	**Conditional Pass**	راسب (قيد القرار)	(45-49)
	F – Fail	راسب	(0-44)

University Policy

Academic Integrity	Students must adhere to the highest standards of honesty. Cheating, plagiarism, or falsification of data will result in disciplinary action.
Attendance	Students are required to attend at least 75% of lectures, labs, and tutorials. Failure to meet this requirement may lead to exclusion from the final exam.
Assessment Regulations	All assessments (quizzes, reports, projects, exams) follow the official university regulations. Re-assessment or make-up exams are only allowed with formal approval.
Grading System	The grading scheme follows the university's official scale (A–F), with a minimum of 50% required to pass.
Student Conduct	Students must maintain professional behavior in classrooms, laboratories, and during online sessions. Respect for peers and faculty is mandatory.
Use of Resources	Library, laboratory, and online resources must be used responsibly. Misuse or damage of resources will result in penalties.