Course Title	Histology - Embryology I		
Course Code	MD130		
Course Type	Compulsory		
Level	1 st Cycle (MD)		
Year / Semester	1 st Year / 2 nd Semester		
Teacher's Name	ТВА		
ECTS	6 Lectures 2 Hrs / 14 Laboratories 4 Hrs / 14 weeks		
Course Purpose and Objectives	This course is intended to familiarize students with the microstructure (histology) and evolution (embryology) of the musculoskeletal system, as well as the integumentary, endocrine, hemopoietic and lymphatic systems of the body, and obtain an understanding of their regional histology to describe structures and their relationships to each other. It is designed to acquaint Medical students with the fundamental terms, concepts, and principles of the above systems and their cellular population and extracellular matrix morphological functions and structure and to integrate microstructure tissue formation (histology) with evolution of human development (embryology) of the above described systems. It will serve as a connective foundation upon which, Structure and Function courses as Anatomy-Histology-Embryology-Physiology and Biochemistry in Medical sciences will be based.		
Learning Outcomes	 Upon successful completion of this course students should be able to: Demonstrate the understanding of the normal microstructure and evolution of the human body with emphasis on the musculoskeletal, integument, exocrine, endocrine, hemopoietic and lymphatic systems. Illustrate, recognize, identify and describe under the microscope the microstructure and function of the musculoskeletal, integument, exocrine, hemopoietic and lymphatic systems Describe and demonstrate an understanding of microscopic organization under diverse types of microscope, the relationships of the cells, the extracellular matrix and the tissues constituting 		

	the organs ar exocrine, endo	d systems of the crine, hemopoietic	e musculoskeletal, integument, and lymphatic systems
Prerequisites	None	Co-requisites	None
Course Content	 Microstructural Musculoskeleta Morphological Integumentary Morphological System and its Morphological System and its Hemopoiesis. Morphological System and its 	organization al system and its di organization and System and its dis organization and disorders. organization and di disorders. organization and di disorders. organization and di disorders.	and development of the isorders. and development of the orders. development of the Exocrine development of the Endocrine evelopment of the Hemopoietic development of the Lymphatic organization and development ing light and electronic and Computer Assisting
Teaching Methodology	Face- to- face		
Bibliography	Junqueira's Basic His Graw Hill Education L Juan,Seoul,Singapore ISBN 978-1-259-0723 Netter's Essential Hist Illustrations by Frank ISBN 978-1-4557-063 Human Histology; Ste Color Atlas of Histolog Williams and Wilkins; Color Atlas of Cytolog Kuehnel, Thieme. Stu ISBN 1-58890-175-0 Before we are born. E L. Moore, T.V.N. Pers Saunders Edition, ISE	tology: Text & Atla ANGE, s,Sydney, Toronto 2-1,or, MHID 1-25 tology; William Ova H. Netter; Elsevier 1-0 evens, A. / Lowe, J. gy; Leslie G. Gartno ttgart-New York. IS (TNY), ssentials of Embry aud, Mark G. Torc 3N 978-1-4377-200	s; Antony L. Mesher, PhD, Mc 9-07232-0 alle,Patrick C. Nahirney, Saunders Philadelphia, 3; 978-0323036634; Mosby; er; 978-1451107210; Lippincott Aicroscopic Anatomy. Wolfgang SBN 3-13-562404-8 (GTV), vology and Birth Defects. Keith ha. Philadelphia, Elsevier 01-3

Assessment	Examinations: Assignment/Lab Class Participation:	70% 20% 10%	
Language	English		