

Course Title	Anatomy I				
Course Code	DES100				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	1 st year / 1 st semester				
Teacher's Name	TBA				
ECTS	6	Lectures / week	3 hrs / 13 weeks + exam week	Laboratories / week	3 hrs / 13 weeks
Course Purpose and Objectives	<p>The study of gross anatomy is fundamental for much, if not all, of the medical studies to follow. The science and practice of medicine rely on understanding the individual as an integrated whole. Gross anatomy is the study of human structures (that can be seen with the naked eye) and their relationships. Purpose of Anatomy I is to familiarize students with the gross anatomy of the Musculoskeletal system, the Circulatory system, the Nervous system and the Viscera.</p> <p>The course is designed to enable students to learn and visualize the 3-dimensional structures of the human body and their relationships. Relating anatomical information to clinical situations is an additional objective, as learning in context is an important theme in medical education.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Describe the fundamentals of anatomy and anatomical terminology. • Discuss the morphology and structure of the musculoskeletal system and its functions. • Classify the structural characteristics of the joints and their functions. • Illustrate the vascular (arteries, veins, lymphatics) and nervous tissue elements related to the musculoskeletal and the other organ systems. • Relate the three-dimensional structure of the body, organs and organ systems with function. • Recognize the anatomy beneath the skin surface, for the purpose of palpating and locating anatomical structures used in clinical practice. • Understand clinical and radiologic correlations 				

Prerequisites	None	Co-requisites	None
Course Content	<p>In this regard, students will familiarize themselves with the following chapters concerning the Course of Anatomy:</p> <ul style="list-style-type: none"> • Fundamentals of Anatomy/ Anatomic terminology • Movement and its relationship to the structure and function of the Musculoskeletal System • Detailed description of the human skeleton • Detailed description of the human muscular system (except for the muscles of the head and neck) • Detailed description of the respiratory system • Detailed description the cardiovascular system • Detailed description of the lymphatic system • Detailed description of the gastrointestinal system • Detailed description of the urogenital system • Detailed description of the endocrine system • Detailed description of the integument • Detailed description of the central nervous system • Cranial nerves, spinal roots, peripheral nerves and plexi • Regional anatomy of the thoracic, abdominal and pelvic cavity • Clinical correlations • Radiologic correlations 		
Teaching Methodology	Lectures, Face- to- Face, Team-Based Learning, Computer-Assisted learning (CAL)		
Bibliography	<p>Textbook</p> <p>Gray's Anatomy; Ed. Susan Standring.; 41st edition; ISBN: 9780702052309; Elsevier; 2014</p> <p>Atlases</p> <p>Atlas of Human Anatomy, Professional Edition; Netter, Frank H.; 5th; 978-1437709704; Saunders; 2010</p> <p>Atlas and Textbook of Human Anatomy: Bones, Ligaments, Joints, and Muscles; Johannes Sobotta; 978-1246570199; 2010</p> <p>Additional studying</p> <p>Gray`s Anatomy for students; Drake, Vogl & Mitchell; 3d edition; ISBN: 978-0-7020-5131-9; Elsevier; 2014</p>		

	<p>Essential Clinical Anatomy; Moore Keith; 5th; 978-1496369659 Lippincott, Williams & Wilkins; 2014 Anatomy: Development, Function, Clinical Correlations; Larsen, W.J.; 978-0721646466; Saunders; 2002</p>								
Assessment	<table border="1"> <tr> <td>Final Examination</td> <td>60%</td> </tr> <tr> <td>Lab Report/Oral presentations</td> <td>30%</td> </tr> <tr> <td>Participation and attendance</td> <td>10%</td> </tr> <tr> <td>Total</td> <td>100%</td> </tr> </table>	Final Examination	60%	Lab Report/Oral presentations	30%	Participation and attendance	10%	Total	100%
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Language	English								