

Course Title	First Aid				
Course Code	DES245				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	2 nd year / 4 th semester				
Teacher's Name	TBA				
ECTS	2	Lectures / week	1 hr / 13 weeks + exam week	Laboratories / week	1 hr / 13 weeks
Course Purpose and Objectives	<p>The objective of this course is to enhance the students' knowledge regarding the manipulation and management of acute on set pathological conditions and homeostasis dysregulation of the physiology of the human body. The course aims at allowing student to perform complete and successful clinical examination, evaluating lab results and imaging tests of acute on set emergencies and life threaten conditions. The course is intended to familiarize students with the management of:</p> <ul style="list-style-type: none"> Cardiac Arrest Stroke Myocardial infraction Unspecific collapse Anaphylaxis Cerebrovascular accident Choking Hyperventilation crisis Hypoglycemia Presyncope-Syncope Asthma Hypertensive crisis Epileptic fit Angina Inhaled object Drug overdose Hemorrhage Cardiopulmonary resuscitation algorithm Artificial ventilation Adverse reaction to local anesthesia Different types of shock Loss of consciousness Dyspnea 				

	Aspirated/swallowed object Acute pulmonary edema (heart failure) Blood gas Acidosis – alkalosis Use of defibrillator Use of upper respiratory ventilation support Airway management Bradycardia Tachycardias		
Learning Outcomes	Upon successful completion of this course students should be able to: <ul style="list-style-type: none"> Describe the major emergencies life threaten situation and Show proficiency in acting fast and effectively in order to save patients life. 		
Prerequisites	None	Co-requisites	None
Course Content	In that regard, students will familiarize themselves with the following Modules: <ul style="list-style-type: none"> Types of syncope, orthostatic hypotension, Management of Fall and Hemorrhages Cardiopulmonary arrest of Adults-resuscitation Algorithm Life Threatened Arrhythmias Emergencies on respiratory system (Aspirated/swallowed object, dyspnea, pulmonary edema, pulmonary embolism, blood gas interpretation etc.) Cardiac Infraction and arrest Different types of shock Stroke Hypertensive crisis, Asthma, Anaphylaxis Drug overdose, epileptic fit Acute heart Failure Different type of Burns 		
Teaching Methodology	Face-to-face, Lectures, Practical exercises, Quizzes, Case Presentations, simulated patients, Rotations		
Bibliography	Malamed S. Medical Emergencies in the Dental Office. St. Louis: Elsevier, 2014.		
Assessment	Final Examination	60%	
	Lab Report / Oral presentations	30%	
	Participation and attendance	10%	
	Total	100%	
Language	English		