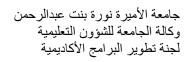


Sample Brief Course Description	
Course title	Biomedical Engineering Design
Course code	BME 411
College	Engineering
Department / Program	Biomedical Engineering
Year/ Level	5/13 th
Course Type	A. University College Department Others Required Elective
Credited Hours	6
Contact Hours	(LT:4, LB:4,TR:0)
Pre-requisites (if any)	
Co-requisites (if any)	
Course description	The course introduces the design concept dedicated to help people with disabilities. It covers assistive devices, orthopedics and Brain machine interface concepts.
Course Main Objectives	 Applying design concepts in developing practical biomedical systems Introducing students to technologies that assist people with different types of impairments







Learning Outcomes	Knowledge and Understanding:1. Define concepts dedicated to help people with disabilities.
	Skills:
	 Solve engineering practical examples related to the biomedical engineering designs Performing testing and validation of presented designs Solve biomechanical static problems related to human joints. Apply brain machine interface in presented designs
	Values: 1. Function effectively on a team to provide biomedical engineering design