



Sample Brief Course Description

Course title	Clinical Engineering
Course code	BME 402
College	Engineering
Department / Program	Biomedical Engineering
Year/ Level	5/9
Course Type	A. <input type="checkbox"/> University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Others b. <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective
Credited Hours	3
Contact Hours	(LT:2, LB:2,TR:0)
Pre-requisites (if any)	ISE 406
Co-requisites (if any)	---
Course description	Introducing principles of health technology management. Planning medical devices departments. Technology requirements for hospitals. Standards and safety measures. Medical devices regulations. device life cycle. Patient safety. Interoperability and cybersecurity.
Course Main Objectives	<ul style="list-style-type: none">• Preparing students to safe management of medical devices throughout the life cycle of medical devices.



Learning Outcomes	Knowledge and Understanding: <ol style="list-style-type: none">1. Identify healthcare technology and assessment management2. Understand the quality management systems and the medical devices regulatory models
	Skills: <ol style="list-style-type: none">1. Apply standards and accreditation for medical devices
	Values: <ol style="list-style-type: none">1. Communicate effectively and accomplish patient's safety