



Sample Brief Course Description

Course title	Capstone Design Project (2)
Course code	BME 481
College	Engineering
Department / Program	Biomedical Engineering
Year/ Level	5/10
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	2
Contact Hours	(LT:1, LB:2, TR:0)
Pre-requisites (if any)	BME 480
Co-requisites (if any)	---
Course description	This course is continuation of capstone design project I, the senior students implement a design project based on following tasks: selecting and finalizing appropriate design and/or experimental tools or mathematical/computer model; performing design/experiments or modeling/computation; performing analysis and evaluation of result; interpreting and drawing conclusions of results, recommendation and future work. Writing final and complete report; presenting and defending the project.



Course Main Objectives	This course is intended to teach the student to learn to develop the skill of working within design team on design project and develop a real-world engineering design systems.
Learning Outcomes	Knowledge and Understanding: --
	Skills: 1. Carry performance parameters Estimation of design and/or experiments 2. Carry design calculation and/or use of experimental tools 3. Carry tradeoff studies to refine design and/or experiments. 4. Evaluate analysis of design criteria 5. Demonstrate ability to communicate and achieving the project design details orally and in writing
	Values:---