



### Sample Brief Course Description

<b>Course title</b>	Project Management
<b>Course code</b>	ISE 210
<b>College</b>	Engineering
<b>Department / Program</b>	Biomedical Engineering
<b>Year/ Level</b>	5/13 <sup>th</sup>
<b>Course Type</b>	A. <input type="checkbox"/> University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Others b. <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective
<b>Credited Hours</b>	4
<b>Contact Hours</b>	(LT:3, LB:2,TR:0)
<b>Pre-requisites (if any)</b>	MATH 265-2
<b>Co-requisites (if any)</b>	---
<b>Course description</b>	The course teaches the terminology of graphs and networks, network flow problems, algorithms and solutions. Project management, defining the project, scheduling issues in projects, project duration optimization, resources planning, evaluation and progress, estimating times and costs, critical processes in the projects, applications of project-planning and software in the strategy of projects, integration of organization with projects and probability issues in project planning are addressed.



<b>Course Main Objectives</b>	<p>Studying this course, the graduates will gain the required knowledge in the field of biomedical optics that enable her to:</p> <ul style="list-style-type: none"><li>• Understand the concepts of project planning and organization, budgeting and control, and project life cycles.</li><li>• Understand the project plan contents and project communications.</li><li>• Learn concepts related to organizational workflow including the staffing process, project planning elements.</li><li>• Master several basic project scheduling techniques including WBS, CPM, PERT, GANTT CHARTS, and resource constrained scheduling.</li></ul>
<b>Learning Outcomes</b>	<b>Knowledge and Understanding:</b> 1. Become familiar with Microsoft Project in performing simple project management tasks.
	<b>Skills:</b> 1. Improve written and oral communication skills through formal writing assignments and group discussions.
	<b>Values:--</b>