## **ENG3004 Society and the Engineer – Individual Worksheet**

Group Number:	Date:	Dimension: Economic
Your Full Name:		
	Economic Dimension	1
Economics and engineering		
	ame appropriateness enginee	been defined as the social science of ring may be defined to be physical
Unfortunately, many engineers f	ail to see this clearly. The stud	ps of men, rather than to y of economics should help to develop im to think in terms of groups of men.
material in character. S/He locate	es and builds a railroad, a mero mere material things again. But	achieve ultimate results that are not e material thing. The railroad us to be the most important ultimate purpose of a region.
The inspiration of a great engine material, results of his work. You		vision of the ultimate, not the sult of engineering is expressed in
The future engineer will profit m best for the other students just r		ough training in economics which is
Project Evaluation		
is, or the Sooner or later, many engineers	ne effective use of capital (som will become managers. Engine nomy, addressing the need to	for jobs, to
Seeing economics from this engine assume that it consists of a tool leand En essentially an intellectual system	kit of objective techniques that gineering economics is margir	t can be used for nal to microeconomics, which is



Your best friend has a very good idea of an innovative product and he hopes to make it a real product and sell it to the whole world. He tells you it is his dream project. He asks you to help him to create the detailed design for production and then he will try to find the capital for production. He wants to create a startup company for the product and invite you to be the cofounder of the company. You know that the product is technically feasible but not sure yet if the whole project is financially feasible or not please describe the steps you will do to check if the project is financially feasible and based on what		
factors you will consider to advise your friend whether the project should be carried out or not.		

