Concept Analysis Assignment		Bonus/ penalty
Title page		-5
Project name		
Sponsor		
Team members		
Date		
Project Objective Statement	5	5
System Architecture		15
Block diagram of system & discussion	8	
Diagram or table to show major tasks team has to complete	7	
Subsystem under consideration		20
Choose/identify one major component: Why most important?	5	
Primary customer requirements influenced by this component	5	
System level performance metrics for this component	5	
Subsystem level performance metrics for this component	5	
Concept Analysis		35
Internal and external search process and results	5	
Feasibility screening	10	
Pugh matrix - concept scoring	10	
Mathematical models to bound or predict subsystem performance	10	
Conclusion		10
Concept selection summary & implications	5	
List of major challenges yet to complete	5	
Written communication		15
Writing is clear, concise	4	
Figures and tables all have numbers and captions	3	
Appropriate attribution is given to technical information, photos, data and other information that is not creatd by the team.	4	
References cited in the text are listed in an appropriately formatted bibliography		
Writing uses correct grammar and spelling	4	
Total	100	100