

**DE4 Optimisation – Marksheet of Final Report**  
**For individuals**

**Group number:**

**Examiner(s):**

	Subsystem 1	Subsystem 2	Subsystem 3
Name of student			
Overall Grade			

Item assessed	Explanation of assessment criteria	Mark					
		Excellent	5	4	3	2	1
For the subsystem (70% in total)							
General (5% each)							
Organisation of material	Overall presentation of report; important material is not missing and correctly placed; titles and subtitles; standard Tables and Figures numbering; Tables and Figures cited by number in correct order.						
Nomenclature and symbols	Clear definition; consistency.						
Graphical presentation	Neat, simple diagrams showing important features, graphs well labelled with good choice of scales, all with helpful captions.						
Clarity of expression; standard of English	Concise, meaning always clear and unambiguous, good descriptions, standard technical writing style, apt choice of words, few spelling mistakes.						
Content (10% each)							
Formulation of the problem	Formulation of the subsystem optimisation problem; the way to deal with interdependencies; justification of any assumptions.						
Modelling of the problem	Description of models; clarity of how the objective and each constraint are calculated; exploration of the design space; model simplification; justification of the modelling and any assumptions.						
Optimisation	Selection of optimisation algorithms and justification of the choices; description of methods and solving processes; any advanced formulation; quality of results obtained.						
Discussion and Conclusions	Brief description of results and analysis; comparison of different optimisation methods used; challenges and understanding of how it could be improved.						
Source code	Working code provided as instructed; generates the results presented in the report (numerical and graphical).						
Additional comments:							