

MARKING CRITERIA AND STUDENT FEEDBACK		
MODULE: BEng Dissertation		
ASSIGNMENT: Dissertation (Final Report)		
STUDENT: Krish Katwa		
DATE: 10/05/19		
This section details the assessment criteria. The extent to which these are demonstrated by you determines your mark. The marks available for each criterion are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.		
Common Assessment Criteria Applied	Marks available	Marks awarded
1. Research-informed Literature <i>Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.</i> 60-69%: Inclusion of a wide range of research-informed literature, including sources retrieved independently. Selection of relevant and credible sources. Very good use of referencing conventions, consistently applied. - Further details of other studies that have successfully used topology to drive their designs would have added to your report.	10	6.3
2. Knowledge and Understanding of Subject <i>Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.</i> 60-69%: Knowledge is extensive. Exhibits understanding of the breadth and depth of established views. - It would have been good if you had discussed how optimisation actually works - for example, gradient based optimisation and your variables, objectives and constraints.	10	6.5
3. Analysis <i>Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence</i> 60-69%: Sound, logical, analytical thinking; synthesis and evaluation. Ability to devise and sustain persuasive arguments, and to review the reliability, validity & significance of evidence. Ability to communicate ideas and evidence accurately and convincingly. Sound, convincing conclusions / recommendations. - It is a shame that you have carried out some topology runs, and then seemingly ignored you results and then simply modified the original structure. - It would have been good to see some fatigue analysis.	35	22.1
4. Practical Application and Deployment <i>Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problems.</i> 50-59%: A good and appropriate application of standard methods, materials, tools and/or techniques. Good appreciation of the context of the application, with some use of examples, where relevant. - Significant further improvements in the design are possible if you were to use your topology results to drive your design. - I note that the updated MCR design has a loadpath from the steering arm to the centre of the bearing - this was suggested by your analysis - but you chose to ignore this.	35	20.3
5. Skills for Professional Practice <i>Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.</i> 60-69%: Can communicate well, confidently and consistently in a suitable format. Can work very well as part of a team, with very good contribution to group activities. Work is coherent and fluent and is well structured and organised. - Generally this is a nicely presented report. - Do not start sentences with And.	10	6.4

Assignment Mark (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed.)	Late Submission Penalties (tick if appropriate)		62	%
	Up to one-week late			
	Over one week late			