

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Group Project

ASSIGNMENT: Report

STUDENT: Sam Treleavren

DATE: 1st April 2019

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 (Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.) Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.		
40-49%: References to a limited range of mostly relevant sources. Some omissions and minor errors. Referencing conventions evident though not always applied consistently. <i>You have generated an interesting reading list of papers. It is not obvious where this learning has been applied to the report.</i> <i>You should use citations to show where the reading and learning has been applied.</i>	10	0
2. Knowledge and Understanding of Subject (Extent of knowledge and understanding of concepts and underlying principles associated with the project) Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.		
40-49%: Evidence of basic knowledge and understanding of the relevant concepts and underlying principles. <i>You understand the importance of the wishbones and maintaining their integrity throughout normal operation.</i> <i>The application of that understanding is sometimes questionable. For example how have you constrained the inner joints? Bump forces should only go between the lower ball joint and damper/spring mount, as the inner joints move..</i> <i>You should consider combined loading.</i>	25	12
3. Analysis (For example - use of analytical calculations, Matlab, Excel FEA CFD, Wave, WinGeo3 etc.) Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence		
40-49%: Evidence of some logical, analytical thinking and some attempts to synthesise, albeit with some weaknesses. Some evidence to support findings/ views, but evidence not consistently interpreted. Some relevant conclusions and recommendations, where relevant <i>It is a good thing to analyse the forces on the wishbones.</i> <i>You have provided grip at the contact patch (although the vehicle should be at GVW) (Have you allowed for weight transfer during cornering and braking/accelerating? .</i> It is not clear how the contact patch forces are related to the forces in the wishbones	25	12.3
4. Practical Application and Deployment (Design ideas, proposed design parameters and methods for evaluation of these ideas such as experimental work and simulation) Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problems.		
40-49%: An adequate awareness and mostly appropriate application of well established methods, materials, tools and/or techniques. Basic appreciation of the context of the application. You had to re-cad the wishbones, which took some time and distracted you from making progress. However calce for forces at the joints are independent of the wishbone model.	20	11
5. Skills for Professional Practice (How well you worked as a group. Report presentation quality, project planning and organisation.) Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.		
30-39%: Media is poorly designed and/or not suitable for the audience. Poor independent or collaborative initiative. Work lacks structure, organisation, and/or coherence <i>Please re read your work (ideally allowed) to find spelling, grammar errors and awkward sentences.</i> <i>Please use report style numbering to help the reader</i> <i>The use of diagrams would help the reader and explain your methodology. (eg forces in upper and lower wishbones.)</i>	20	7.6
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) Up to one-week late Over one week late	43 %