

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Group Project and CAE

ASSIGNMENT: Viva

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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. Engagement with literature Skills				
Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.				
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.		10	6.3	
Referencing was defined on various slides throughout the presentation				
2. Knowledge and Understanding Skills				
Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.				
60-69%: Knowledge is extensive. Exhibits understanding of the breadth and depth of established views.		10	6	
Chassis development was reviewed against alternative materials. Battery technology was then discussed and some alternatives was introduced alongside energy density and temperature considerations. Gearing was defined and steering suspensions was reviewed. Basic management was described and a Gantt chart offered.				
3. Cognitive and Intellectual Skills				
Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence				
50-59%: Evidence of some logical, analytical thinking and synthesis. Can analyse new and/or abstract data and situations without guidance. An emerging awareness of different stances and ability to use evidence to support the argument. Valid conclusions and recommendations, where relevant		30	17.4	
Some analysis of temperature of motor and battery was considered to maximise efficient torque and current draw. Testing of steering and suspension alternative designs were defined and its effect of the vehicle operations was discussed alongside some different handling with different wheels				
Battery comparison is interesting. It could be more formal and would have benefited from graphs and diagrams				
4. Practical Application Skills				
Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problem				
60-69%: A very good application of a range of methods, materials, tools and/or techniques. Very good consideration of the context of the application, with perceptive use of examples, where relevant. Evidence of some innovation and creativity.		30	19.5	
Powertrain reviewed and cooling using ducting defined. Corner weights were measured which was then introduced into Wingeo. Some concluding factors of the benefits were provided alongside some validation				
5. Transferable Skills for Life and Professional Practice				
Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.				
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.		20	12.4	
Good clear slides and well presented				
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)		61.6	
	Up to one-week late			%
	Over one week late			