

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Research Methods and Project

ASSIGNMENT: Written Report

STUDENT: Daniel Salathiel

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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	6.8	
Some interesting reading, probably a little too dependant on on-line sources, esp for the basic stuff. If you find information though wikipedia please try to find the original source.				
Well referenced throughout with a good bibliography which lacked papers referencing a validation process				
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.		30	20.4	
You have demonstarted an understanding of the major principles involved. It is surrpising that you changed the gear ratios				
Your literature review was basically a discussion towards volumetric flow, downsizing and alternative forced induction systems. Limited insight as to why the project is necessary				
3. Cognitive and Intellectual Skills				
Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence				
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.		30	18.9	
Generally some good analysis and logical discussion. The BSFC for the 800cc engine should be similar to the 1600 but half the Kw. Eg 2000rpm, 22.5 kw=241.1 g/kwh				
During your methodology of testing you provide a section on the various calculations that you are going to utilise and you demonstrate through excel data some analysis of your findings which is supported by cited references				
4. Practical Application Skills				
Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problem				
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.		20	11.8	
Even at 800cc. The engine will be n/a except for the four times when over 40kw was required. Some discussion on location and operstion of the elec forced				
You do provide good insights into your practical application of testing and you presented your findings with cited evidence to support your discussion. Where is your validation process of your results this needed to be more evident?				
5. Transferable Skills for Life and Professional Practice				
Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.				
70-79%: Can communicate professionally and, confidently in a suitable format. Work is coherent, very fluent and is presented professionally.		10	7.3	
A well laid out and logical report, methodology is covered well. Diagrams and graphs were fine. Although some additional annotation would help the reader.				
A well- constructed report providing an excellent analytical insight into the discussion along with a comprehensive conclusion				
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)		65.2	
	Up to one-week late			%
	Over one week late			