

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Research Methods and Project

ASSIGNMENT: Written Report

STUDENT: Jack Beynon

DATE: 02/05/2019

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. 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
Lots of citations included, not all of them are of a suitable quality (wiki is not acceptable) and some do not conform to the Harvard system.			
At this level I did expect a more comprehensive bibliography and you did not provide much cited evidence within your analysis			
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	19.5
Introduction is good but a little disjointed to read, all the essential key points are present. I would have liked to see a little more hypothesis of what you were expecting to find in terms of work done values and thermal efficiencies, this would have helped your discussion along in the latter chapters.			
There is evidence of understanding of the issues surrounding downsizing, engine performance and efficiencies in relationship to the Otto cycle.			
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	17.7
Some discussion on Hydrocarbons missing. Lots of bits of tables and graphical data missing units, (however you did mention them in your viva) some terms in your calculations not explained. Generally, the issues with your thermal efficiencies needed more discussion.			
You have provided some substantial excel analysis, however, are both engines of the same capacity, does the turbo operate at 1000 rpm and where is your cited evidence supporting you observations			
4. Practical Application Skills			
Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problem			
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.		20	9.8
Generally, you needed to relate your work to real stuff more to contextualise it in terms of 'What does this mean for the driver/owner of this engine?'. Really good that you got to grips with the data and generated this data, More needed on the limitations of using secondary data.			
There is very little practical discussion and no validation process defined. What are the advantages and disadvantages in utilising data sets from a third party?			
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. Work is coherent and fluent and is well structured and organised.		10	6.5
Lots of grammatical/ formatting/ spelling issues with this document (see grade mark). Generally most of the information is there but its difficult to orientate it.			
A very good introduction and conclusion with very clear graphs provided			
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	
		59.5	%