

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Research Methods and Project

ASSIGNMENT: Written Report

STUDENT: Matthew Perry

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
Good use of a series of technical papers published by reputable sources. Made good use of this material to inform the study undertaken.			
You do provide a well cited report and bibliography further insight into validation would have been an advantage			
2. Knowledge and Understanding Skills			
Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.			
50-59%: Knowledge is accurate with a good understanding of the field of study.		30	14.4
Good use of a series of technical papers published by reputable sources. Made good use of this material to inform the study undertaken.			
You do express your aims and provide a reasonable insight into variable valve timing systems. Page 9 what do you mean you can change the firing order and why?			
3. Cognitive and Intellectual Skills			
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		30	15.3
Good attempt at modelling a cylinder and valve operation but set up innacurate. Made some good considerations regarding the advantages of the system.			
The analysis was basic you simply compared some flow bench data sets with your research readings. Where is your analytical comparison why did you not produce an FEA analysis as a comparator?			
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	11
Good use of the flow bench to analyse conventional valve operation and CAD and Exel to model phenomena			
You do carry out some basic flow bench testing and cam profile measurements but what about validating your findings			
5. Transferable Skills for Life and Professional Practice			
Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.			
40-49%: Can communicate in a suitable format but with some room for improvement. Work lacks coherence in places and could be better structured.		10	4.5
Hard to read report with typos and gramatical mistakes. Report well structured			
There needed to be more analytical content. You should had proof read your work			
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	51.2
		Over one week late	