PRIFYSGOL CYMRU
Y Drindod Dewi Sant
UNIVERSITY OF WALES
Trinity Saint David

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Group Project	**ASSIGNMENT**: Final Viva
STUDENT: Zentrack Engine	**DATE: 2/4/19**

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 (References on slides correct and evidence of group conducting supporting research from a variety of sources) 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. *Research could have been a little more consistent throughout. Citations to support test cycle software and drive cycles.* *Evidence of research to support charge air cooler calcs and heat exchangers through citations* Cooling feature understanding supported by research, although the relevance to your particular application could have been discussed directly.	10	6.25
2. Knowledge and Understanding of Subject (Understanding of project technical requirements and supporting theory) 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. *A good overview of the requirements of the project* *We would have expected evidence of a deeper understanding in individual areas.* *Some limitations of the methods applied not fully appreciated which would have led to you implementing alternative approaches.*	10	5.75
3. Analysis (Technical content of experimental and analytical work already completed and project relevance and merit) 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 the ability to use evidence to support the argument. Valid conclusions and recommendations where relevant. *Stress test of AV mounts - you did not explain the load case or material properties. Validity of this analysis is questionable.* *Design of adaptor shaft could have been explained - is this strong enough? Specification/requirements?* *Shame you didn't programme the dyno to show the principles and process.*	30	17.3
4. Practical Application and Deployment (Your personal contribution to overall group work) Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problems.		
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. Carl.P.Englebrecht - Cylinder head development: Good to see some flow bench results. Some basic understanding of port requirements	30	19.5
5. Skills for Professional Practice (Presentation Quality, Project planning and organisation) 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. Can work professionally within a team, showing leadership skills as appropriate, managing conflict and meeting obligations. Work is coherent, very fluent and is presented professionally. *You have clearly practiced the viva. Evidence of project tracking with delays noted and explained. Some reading from que cards, try not having these in hand as you didn't need them. Clearly the team conducted meetings in a professional manner with minutes. Some very good slides. The fact you covered work for an absent team member demonstrated a clear understanding of each others work and contributions. Good slide on group interaction and structure. Project targets and measurements for success should have been clearly stated at start and end of presentation.*	20	15

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)**		**63.8**	%
	Up to one-week late			
	Over one week late			