

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Major Project	ASSIGNMENT: Final Viva
STUDENT: Jack Bridgeland	DATE: 8/5/19

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	% Awarded
1. Research-informed Literature (research/literature survey) Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.			
50-59%: Inclusion of a range of research-informed literature, including sources retrieved independently. Referencing conventions mostly consistently applied. <i>Citations on slides indicate work supported by background research - you should have mentioned some of these important references and explained how these influenced your work. You could have shown how literature influenced your CFD method applied.</i>	10	5.5	55
2. Knowledge and Understanding of Subject (ability to identify problems) Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.			
70-79%: Excellent knowledge and understanding of the main concepts and key theories. Clear awareness of challenges to established views and the limitations of the knowledge base. <i>Clear structure to simulation development demonstrated through flow chart and discussions. Logical approach. You understood the limitations of your model and the reasons for poor correlation in places.</i>	10	7.5	75
3. Analysis (Technical ability, analytical content and ability) Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence			
70-80%: Thoroughly logical work, supported by evaluated evidence. High quality analysis, developed independently or through effective collaboration. Ability to investigate contradictory information and identify reasons for contradictions. Strong, persuasive, conclusions, justifiable recommendations <i>CFD simulation development validation study summarised well. CFD analysis shows competency of testing different geometries. You have looked critically at the results obtained and assessed areas of variation.</i>	30	21.8	73
4. Practical Application and Deployment (progression/achievement, ability to draw conclusions and understand results) Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problems.			
70-79%: An advanced application of a range of methods, materials, tools and/or techniques. The context of the application is well considered, with extensive use of relevant examples. Application and deployment extend beyond established conventions. Innovation and creativity evident throughout. Good to see practical testing to gain data to support your model development. You show proficiency in CFD and coding the simulator, although some aspects could have been taken further such as the degradation factors.	30	21.8	73
5. Skills for Professional Practice (communication and presentation, overall achievement and ownership of project) 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. <i>A very watchable presentation. You responded well to questioning. You spoke well introducing and outlining your project. Try to avoid terms like 'stuff like that' 'back in the day'. Some graphs could have labels larger so they could be read easily.</i>	10	6.75	68
5. Skills for Professional Practice (Summary Poster)			
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. <i>Poster represents your project well. Some text a little small, but otherwise it's well designed.</i>	10	7.25	73
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		71 %
	Over one week late		