

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Major Project

ASSIGNMENT: Interim Viva

STUDENT: Tiegien Lillicrap

DATE: 11/12/18

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 (Extent of research and/or own reading, selection of credible sources to support the aims of the project) Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions. 70-79%: 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. <i>Evidence of supporting reading for project contextualisation and explanation. Citations and references to research throughout the presentation. Evidence of literature being used to inform conclusions and evaluation of results.</i>	15	11.3	75
2. Knowledge and Understanding of Subject (Ability to identify problems within, and technical direction of the project) 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. <i>A good knowledge of the potential applications of your work is demonstrated. Composite design parameters and theoretical responses understood. A well understood overview or micro versus macro mechanical composite analysis.</i>	15	10.2	68
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 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. <i>Really good to see bimetallic strip simulation and comparison with analytical answer. Practical testing is good to see and you have critically evaluated some of the limitations of these results - measurements after temperature change - you could have quantified. Good to see investigation of simulation sensitivity to applied constraints and mesh sizing.</i>	35	24.2	69
4. Practical Application and Deployment (Organisation and Planning of the project) 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. Very clear project planning with progress tracking evident and risks to project identified. Excellent project structure with contingency planning. To demonstrate your ownership of the project and the application relevance, the direction could have been questioned regarding the small deformations of composites measured.	10	6.8	68
5. Skills for Professional Practice (Quality of presentation and success in communicating the aims and scope of the project) 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. <i>You spoke clearly and confidently. Slides well designed in general. Some of your results could have been presented in graphical form rather than tables. A little over time. Presentation came across as a rehearsed delivery, but you could have given us more confidence in you understanding if it was delivered more naturally. Good responses to technical questioning.</i>	25	17.5	70
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		69.9 %