

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Major Project

ASSIGNMENT: Interim Viva

STUDENT: Bruce Baird

DATE: 12/12/18

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.			
30-39%: Poor evidence of reading and/or of reliance on inappropriate sources, and/or indiscriminate use of sources. Referencing conventions used inconsistently.			
<i>Clear some research on Lithium battery applications and uses has been conducted with references made to recent developments. This research could be formalised with some specific citations to References almost all from web sources - at this level we would expect extensive reading from academic sources such as journal papers and published books. Support statements</i>	15	5.25	35
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.			
30-39%: Gaps in knowledge, with only superficial understanding. Some significant inaccuracies.			
<i>Good to see a general knowledge of Lithium battery applications. Project goals/aims should be SMART. A clearer explanation on battery theory would have demonstrated a deeper understanding. Basic measures of battery performance not presented. Knowledge of application for your project not conveyed.</i>	15	5.25	35
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			
30-39%: Some evidence of analytical intellectual skills, but for the most part descriptive. Ideas/findings sometimes illogical and contradictory. Generalised statements made with scant evidence. Conclusions lack relevance.			
<i>Comparison of battery chemistries presented but with little discussion. Analysis of battery pack requirements not presented. Recyclability and reusability of battery packs discussed but the understanding and analysis of battery lifting lacking.</i>	35	10.5	30
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.			
30-39%: Rudimentary application of methods, materials, tools and/or techniques but without consideration and competence. Flawed appreciation of the context of the application.			
<i>A reasonable project plan presented - progress to date is unsatisfactory. We would expect you to have a much better idea of the battery requirements for your application, and to have started work in defining the potential cells and test methods. Would like to have seen you demonstrate more ownership of this project.</i>	10	3	30
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.			
40-49%: Can communicate in a suitable format but with some room for improvement. Can work as part of a team, but with limited involvement in group activities. Work lacks coherence in places and could be better structured.			
<i>Unfortunately you turned up late which delayed the start. You spoke well around the slides on the context and general issues surrounding battery raw material. Some dependence on reading from sides which were a little text heavy.</i>	25	10	40
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		
	34	%	