# School of Engineering and Computing Computing-Based UG Programmes

# **Honours Project marks**

# **Experimental style project**

Supervisor: Michelle Govan
Second marker: Richard Foley
Honours year: 2010/2011 Date of report marking:/11
Agreed summary of marks  Interim report mark out of 20 Honours report mark out of 7023.7/70 = 34%  Poster Presentation mark out of 10  Total mark out of 100  Signed (Supervisor)  Signed (Second Marker)

### Literature review update

This section is included to allow students to gain credit for improving their literature review following feedback on the interim report. Higher marks should be awarded where there is evidence of a substantial improvement in the students review or where there is little or no change and the initial review was of high quality. In general marks for the literature review relate to the identification of key issues and & proper referencing of literature relevant to project area. A review should be a concise and critical discussion of key issues and works relevant to project area. The literature review should clearly address the identified areas of the research question which is set out in the student's Introduction Chapter of the final report.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent improvement. Student has gone beyond the comments on the original	70-100
	review and produced a very well integrated critical discussion with a high	
	percentage of journal articles. Or	
	Little or no change and initial review section in interim report was rated as 1 <sup>st</sup>	
	class (in this case award the lower value 70)	
2.1	Good improvement. Student has taken obvious note of the comments on the	60-69
	original review and produced a well-integrated critical discussion with a good	
	percentage of journal articles. Or	
	Little or no change and initial review section in interim report was rated 2.1. (in	
	this case award the lower value 60)	
2.2	Fair improvement. Student has taken some note of the comments on the original	50-59
	review and produced a discussion with some critical analysis and some journal	
	articles. Or	
	Little or no change and initial review section in interim report was rated 2.2. (in	
	this case award the lower value 50)	
3	Poor level of improvement. Student has taken little note of the comments on the	40-49
	original review. Or	
	Little or no change and initial review section in interim report was rated 3. (in	
	this case award the lower value 40)	
Fail	No improvement. Student has taken no note of the comments on the original	0-39
	review. Or	
	Little or no change and initial review section in interim report was rated Fail. (in	
	this case award zero)	

Mark	awarded:	50

#### **Comment:**

The Interim Report has 22 sources reasonably well presented in the references list at the end, but the Final report has an unusual format list each from the first two chapters. There are now 26 separate sources and the structure of the literature review is now quite different from the original and it does attempt to cover the areas which he intends to centre his experiment around. However, the writing style is not particularly good.

(Note: if you look at the Abstract, it still reads like the original Proposal Abstract! That is because it is essentially still that abstract from the Project Proposal! I think that this speaks volumes for the report as a whole, in that the student doesn't seem to realise that undertaking the project requires that a significant amount of work and rigour needs to be undertaken after the project is proposed to actually exact an effective and successful piece of work!

His title isn't much better either! It is a very longwinded attempt at a Research Question, not a title which summarises his project!)

## Development of Project Methodology

Marks relate to the clarity with which the student describes and justifies the primary research method adopted for their project; its general and detailed design, its selection of subjects/participants, configuration, materials, procedure and any associated data capture instruments, the extent to which the study could be duplicated by following the description in this section. It would be expected that the student would analyse the objectives of the project and the findings of the literature review in their discussion and presentation of the detailed methodology.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent. A very clear, complete methods section containing all relevant sub-	70-100
	sections. Choice of approach very well supported by references/ analysis of the	
	problem and literature review conclusions.	
2.1	Good. A clear and complete methods section containing all relevant sub-sections.	60-69
	Choice of approach supported by references/ analysis of the problem and	
	literature review conclusions.	
2.2	Fair. A description of the methods adopted is provided under all or most of the	50-59
	headings. Some justification is provided, with a degree of analysis and direct	
	support from the students literature review	
3	Poor. While some description of the methods adopted exists it is in limited detail.	40-49
	Limited or no justification/analysis is provided.	
Fail	Very poor. Very limited or no description of the methods adopted or why they	0-39
	were chosen.	

Mark	awarded:	35

#### **Comment:**

It is a fairly high level description of the experimental environment. However he only seems to comment on the Windows 7 configuration. To be honest, I could see that much of this is still in the form/level of a proposal. Much more detail, justification and linkage to the literature are required. There is really very little justification/analysis of the method and the experiment construction. He needs to systematically explain as well as justify both the overall experimental environment and the precise nature of each individual experiment.

## Results (Presentation and Initial Analysis)

The marks relate to: the quality and clarity of the presentation and initial analysis/discussion of summary results in tabular, list or graphical format. The clarity of the description of the key characteristics of results. Appropriate labelling of tables and graphs.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent. Results are very clearly and concisely laid out and well described. All key	70-100
	findings are highlighted and some initial discussion of their meaning in relation to the	
	detail of the project is presented. Graphs and tables are selected intelligently and are	
	appropriately and clearly labelled.	
2.1	Good. Results are clearly and concisely laid out and well described. Key findings are	60-69
	highlighted with some initial discussion of them within the context of the investigation.	
	Graphs and tables are appropriately labelled.	
2.2	Fair. Results are laid out and described. Some key findings are highlighted with a	50-59
	degree of initial comment in relation to the context of the project investigation. Graphs	
	and tables are labelled but not always clearly. Insufficient summarisation of data.	
3	Poor. Results are not well laid out and may not be summarised. There is very little	40-49
	additional commentary within the context of the overall project given. Choice and	
	presentation of tables and graphs is poor. Poor labelling.	
Fail	Very poor. Limited and poorly presented results and/or lack of summarisation.	0-39

Mark	awarded:	42
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#### **Comment:**

It is all lengthy narrative and continual reference to appendices. Certainly he has undertaken several experiments but its presentation is very poor. He encounters some "problems" in some of them but doesn't really give a proper analysis of these, rather just a possible suggestion as to why it "didn't work". He has clearly done "something" (which deserves some merit) but this is a "Classic" – not getting potential credit due to the method of presentation.

# Final Discussion, Conclusions and further work:

The marks relate to: the degree to which the student summarises and explains the outcome of their project, the degree to which they put their results in the context of what is known about the topic area; the extent to which they discuss the relevance of the results to the stated research questions/hypotheses; the extent of the critical analysis of their own work, the quality and appropriateness of the suggested areas for further study.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent. A thorough, concise and critical evaluation of the results of the project in the	70-100
	context of what is known about the topic area. Good discussion about the meaning of	
	the results in the light of the work of others. A clear and constructive critical analysis	
	of the students own work, including the project results, but also the execution of the	
	project methodology. The discussion clearly identifies the extent to which research	
	questions were addressed and lays out interesting and innovative areas for further	
	development/research. The student should set out the possible implications which	
	aspects of their findings might have for the problem (and related) area(s).	
2.1	Good. A critical evaluation of the results of the project in the context of what is known	60-69
	about the topic area with reference to the work of others. A constructive critical	
	analysis of the students own work. The discussion identifies the extent to which	
	research questions were addressed and lays out areas for further development/research.	
2.2	Fair. Some evaluation of the results of the project in the context of what is known	50-59
	about the topic area with some reference to the work of others. Some critical analysis	
	of the students own work. Some discussion of the research questions and the extent to	
	which they were answered. Some discussion of further areas for development/research.	
3	Poor. Little evaluation of the results of the project. Limited reference to what is known	40-49
	about the topic area and little or no reference to the work of others. Limited reference	
	to the research questions and how they were answered. Limited critical analysis of the	
	students own work. Limited discussion of further areas for development/research.	
Fail	Very poor. No evaluation of the results of the project. Limited or no reference to what	0-39
	is known about the topic area and no reference to the work of others. No reference to	
	the research questions and how they were answered. Limited or no critical analysis of	
	the students own work. No discussion of further areas for development/research.	

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#### **Comment:**

There is none given? He has no final conclusions chapter! Did he run out of time? Did he realise he needed conclusions?

#### Final Documentation:

The marks relate to: the quality of the presentation of the report (format, discursive content, analysis and writing style); the appropriateness of the structure of the report; and the presence of the appropriate and specified sections within the report and the overall depth given in these sections.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent. Exceptionally well structured and presented report. All sections	70-100
	complete and appropriate.	
2.1	Good. Well structured and presented report. All sections complete and	60-69
	appropriate.	
2.2	Fair. Adequate presentation and attention to structure. All sections complete	50-59
	and appropriate	
3	Poor. Inadequate presentation and attention to structure. One section may be	40-49
	incomplete or missing.	
Fail	Very Poor. Little attention to appearance and structure. Several sections may	0-39
	be incomplete or missing.	

Mark	awarded:	45

#### **Comment:**

A lot of whitespace. Much of the material is poorly presented. Bibliography has a "non standard" format and missing details. Headings don't stand out well. The complete final section missing. You can see that various bits of it as still written as if it is a proposal – did he use that as a template, but not expand properly in the appropriate areas?

## Supervisor only

#### Student effort and self reliance

The marks relate to: the effort that the student put into the project work; the extent to which the student needed staff support.

Grade	Description	Mark range
1 <sup>st</sup>	Excellent. Student consistently worked above levels normally expected at	70-100
	honours and/or was extremely self reliant.	
2.1	Good. Student worked hard on project and/or was generally self reliant	60-69
2.2	Fair. Adequate effort applied to project but student needed additional support	50-59
	in some areas.	
3	Poor. Inadequate effort applied to project and/or student needed high levels of	40-49
	support.	
Fail	Very Poor. Appeared to make little effort and/or student needed constant	0-39
	support.	

Mark awarded: 60	rk awarded: 60	)
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**Comment: (awarded by Supervisor)** 

# **Summary of marks for honours report**

Section	Section mark (out of 100)	Weighting (70%)	Weighted mark
Literature review	50	0.05	2.5
Development of Project Methodology.	35	0.15	5.3
Results (Presentation and Initial Analysis)	42	0.2	8.4
Final Discussion, Conclusions and further work	0	0.15	0
Final Documentation	45	0.1	4.5
Student effort and self reliance	60	0.05	3
		0.70	Total out of 70: 23.7

Supervisor mark (out of 70):		
Second marker mark (out of 70):	23.7	
Agreed mark for honours project (out of 70):		
Comment:		