Marking Criteria: Dissertation, Viva (including Poster)

Staff Only

(Use SafeAssign)

	Criteria - Report	Criteria Weighting UFMFX8-30-3 L3 30 credits
1	**Aims and Objectives**	
	* Identify relevant investigation / research topic * Realistic and challenging aims and objectives identified * Identification of depth and breadth of the project * Level of Technical Difficulty in Investigation (scope)	10%
2	**Project Management**	
	* Evidence that student has led their own project (self-direction) * Evidence of project planning and appropriate use of supervision * Adherence to review and meeting dates, and all time constraints * Risk awareness and mitigation * Control of projects - resources, communication, etc.	10%
3	**Context to the Work**	
	* Background literature review and research (breadth and depth) * Interpretation of previous work in the topic * Critical discussion of relevant published work * If required, suitable contact with outside bodies; e.g. data providers, sponsoring companies, etc. (primary research)	10%
4	**Research Methodology**	
	* Appropriate selection of research methods demonstrating an understanding of alternative approaches * Relevant Breadth * Relevant Technical Depth * Identification, Use and justification of Appropriate Techniques to Gather and Analyse Data * Limitations: Ethical, Environmental, Financial, Time, Policies and Human Resources	10%
5	**Scientific Method - Technical Content**	
	* Data collection and analysis based on justified methodology * Evaluation and interpretation of discoveries	15%
6	**Scientific Argument**	
	* Development and Coherence of Arguments from the literature * Comparative analysis between project findings and literature review * Development and quality of the scientific argument * Evidence of the ability to evaluate information and synthesise conclusions * Critical appraisal of the research methods used * Innovation style: problem solving, or step-by-step learning through established techniques	15%
7	**Evaluation and Accomplishment**	
	* Critical appraisal and evaluation of the project and process * Reflection of self-development whilst conducting the project - reflection of problem solving skills * Achievements and shortcomings of the project in relation to explicit aims and other criteria as appropriate * Relating the project to wider social / industrial implications, such as ethics, environment, finance, etc. * Further research and development * Recommendations	10%
8	**Citation**	
	* Accuracy, Consistency and Completeness * Listing of References located at the end of the report or chapters * Possible use of a Bibliography - understanding distinction between referencing and bibliography	10%

9	**Report Presentation**	
	* Logical structure of report and clarity of presentation * Conformity to style and layout requirements * Quality of writing, spelling, grammar, diagrams, figures and tables * Clarity of Expression and use of English * Appropriateness of Style to Audience	10%

Criteria - Oral Presentation (Viva)

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1	**Poster Presentation**	
	* Give a concise account of the investigative work performed * Explain why poster contains what it does - relevance * Quality of the poster	20%
2	**Technical Content**	
	* Discuss the technical aspects of the project and how they have been developed	25%
3	**Evaluation and Analysis of the Project**	
	* Review of the analysis and evaluation process used to develop the findings/results	30%
4	**Questions/Answers - Understanding and Competency**	
	* Able to answer questions accurately and discuss the wider implications of the project * Understands the wider implications of the project - environment, ethics, society, finance, etc	25%

Viva session:

Level 3 (BEng / BSc)- 20-30 minutes minimum with student present
Student can bring along:
*** Dissertation**
*** Poster**
*** Any artefact made during the project**