UNIVERSITI TEKNOLOGI MARA

CSC746: DISERTATION

Course Name (English)	DISERTATION APPROVED
Course Code	CSC746
MQF Credit	15
Course Description	The course expects the students to conduct research based on the principles of doing good research in related area of computing. At the end of course, students will present and produce their project's findings.
Transferable Skills	Reflective learner Resourceful & Responsible Effective communicator Tech-Savvy Adaptable Independent and Critical Thinker
Teaching Methodologies	Supervision
CLO	CLO1 Develop research from existing methods, approaches or techniques to new application CLO2 Develop a project's report CLO3 Show project's findings in a professional way
Pre-Requisite Courses	No course recommendations

Topics
1. Introduction and Problem Identification 1.1) Does it describe what the author hoped to achieve accurately and clearly state the problem being investigated? 1.2) Does it describe the theoretical soundness of research background of the study? 1.3) Does the author summarize relevant research to provide context and explain what previous findings are being 1.4) challenged or extended?
2. Literature review 2.1) Does the reviews gathered from a variety of quality resources? 2.2) Does the author include fundamental theory to support hypothesis/chosen methodology/analysis technique? 2.3) Does the author include critical review relating to the problem studied?
3. Data Collection 3.1) What is the type of data involved? 3.2) Does the data include primary and secondary data? 3.3) Can the data be easily collected and analysed? 3.4) How much data is being collected?
4. Methodology 4.1) Does it utilize any established method? 4.2) Does it consists of clear explanation for each step?
5. Implementation & Development 5.1) Does the implementation and development follow the steps explained in the methodology? 5.2) What is the level of complexity for the implementation and development?
6. Results & Discussion 6.1) Does it consists of results analysis? 6.2) Does it explain about why such result is achieved? 6.3) Does it consists of any limitations and future work?

7. Writing report & Presentation
7.1) Does the article properly written (correct use of grammar and spelling error) and well organized?
7.2) Does the article adhere to the IEEE format/guidelines?
7.3) Does all sources of references and citations, labelling of figures and tables etc are properly written and documented?

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment

Assessment Type	Assessment Description	% of Total Mark	CLO
Discussion	Progress report & presentation	40%	CLO1 , CLO2 , CLO3

Reading List

Reference Book Resources

- **Swales, J. M 2012, *Academic Writing for Graduate Students, 3rd Edition: Essential Tasks and Skills*, University of Michigan Press/ELT**
- **Belcher, W. L., 2011, *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success*, SAGE Publications, Inc.**
- **Graustein, J. S. 2014, *How to Write an Exceptional Thesis Or Dissertation: A Step-by-step Guide from Proposal to Successful Defense*, Atlantic Publishing Company**
- **Joyner, R. L., Rouse, W. A. & Glatthorn, A. A. 2012, *Writing the Winning Thesis or Dissertation: A Step-by-Step Guide*, Corwin**
- **Turabian, K. L. 2013, *A Manual for Writers of Research Papers, Theses, and Dissertations*, University Of Chicago Press**

Article/Paper List: This Course does not have any article/paper resources

Other References: This Course does not have any other resources