UNIVERSITI TEKNOLOGI MARA

CSP760: COMPUTING PROJECT

Course Name (English)	COMPUTING PROJECT APPROVED
Course Code	CSP760

MQF Credit	6

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	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts Demonstrate ability to manage personal performance to meet expectations and demonstrate drive, determination, and accountability. Demonstrate ability to communicate clearly and confidently, and listen critically Demonstrate ability to apply creative, imaginative and innovative thinking and ideas to problem solving.

Teaching Methodologies	Discussion, Supervision

CLO		
	CLO1	Design research project from existing methods, approaches or techniques appropriate to a research project
	CLO2	Organize the information/findings/evidence of research project in a scholarly style with appropriate referencing
	CLO3	Interpret the findings of research project

Pre-Requisite Courses	No course recommendations

Topics
1. Introduction 1.1) Contains background of the study, problem statements, and research objectives, significance of the study 1.2) Scope clearly stated
2. Literature Review 2.1) Gathered from a variety of quality resources 2.2) Include fundamental theory to support hypothesis/chosen methodology/analysis technique 2.3) Include critical review relating to the problem studied.
3. Data Collection 3.1) How to gather data collection 3.2) Instruments for data collection 3.3) Representation and analysis of data collection
4. Methodology 4.1) Demonstrate research framework 4.2) Sufficient and correct methodologies applied 4.3) Clearly described and in a complete order of steps
5. Implementation & Experimental setup 5.1) Explain what methods and techniques used 5.2) How the experiments being setup 5.3) How to validate the experimental results
6. Results and Discussion 6.1) Valid results that meet the objectives of the study. 6.2) Discussion with critical analysis of the findings in the right direction and related to existing research within the body of knowledge

7. Final report and Presentation
7.1) Student follows the required Thesis Format of Institute of Graduate Studies, UiTM
7.2) Correct way of citations and references, labeling of figures and tables, etc
7.3) Well organized
7.4) Correct use of grammar and spelling error
7.5) No plagiarism
7.6) All sources of references are documented

Assessment Breakdown	%
Continuous Assessment	100.00%

<table>
<tr><td rowspan="4">Details of Continuous Assessment</td><td>Assessment Type</td><td>Assessment Description</td><td>% of Total Mark</td><td>CLO</td></tr>
<tr><td>Presentation</td><td>Progress report</td><td>20%</td><td>CLO1</td></tr>
<tr><td>Presentation</td><td>Final presentation</td><td>20%</td><td>CLO3</td></tr>
<tr><td>Thesis</td><td>Project Report</td><td>60%</td><td>CLO2</td></tr>
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<table>
<tr><td rowspan="2">Reading List</td><td>Recommended Text</td><td>Cresswell, J. W. 2018, <i>Research Design: Qualitative, Quantitative, and Mixed Methods Approaches</i>, 5 Ed., Sage Publication [ISBN: 978-150638670]</td></tr>
<tr><td>Reference Book Resources</td><td>
• Fink, A. G. 2019, <i>Conducting Research Literature Reviews: From the Internet to Paper</i>, 5 Ed., SAGE Publications, Inc [ISBN: 978-154431847]
• Yin, R.K 2017, <i>Case Study Research and Applications: Design and Methods</i>, 6 Ed., Sage Publication [ISBN: 978-150633616]
• Julie Pallant 2016, <i>SPSS Survival Manual</i>, OPEN UNIVERSITY PRESS [ISBN: 9780335261543]
• Wallace, M. & Wray, A. 2016, <i>Critical Reading and Writing for Postgraduates</i>, 3 Ed., SAGE Publications Ltd. [ISBN: 978-141296182]
• Swales, J. M. 2012, <i>Academic Writing for Graduate Students, 3rd Edition: Essential Tasks and Skills</i>, University of Michigan Press/ELT
</td></tr>
<tr><td>Article/Paper List</td><td colspan="2">This Course does not have any article/paper resources</td></tr>
<tr><td>Other References</td><td colspan="2">This Course does not have any other resources</td></tr>
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