

Assignment Brief: Comp3402 Nature of Computing 2023-24 Sem 1&2

Assignment 1 (Part2)	Position Paper 1 (Part 2)
Word Limit or equivalent (e.g. time)	No word limit. Indicative time 14 hours
Weighting	20%
Learning Outcomes Assessed	(2) Critically analyse important contemporary applications of computers.
Submission date	1 st December 2023, 15:00
Feedback date	20 days following the respective submission date
Module Leader	Dr. Colin Price c.price@worc.ac.uk
Verified by	Bradley Carwardine

If anything about this assignment is not clear to you, please contact your module leader.

What do I need to do to make a success of this assignment?	<p>You will write a position paper stating your position on the following statement.</p> <p style="text-align: center;">“Simulating Vibration Energy Harvesting is an important Computing application.”</p> <p>There are two main sections to this paper. Both sections carry equal weights. Section 2 has an option for those who do not want to pursue technical investigations.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; text-align: center;">Section 1</th> <th colspan="2" style="text-align: center;">Section 2</th> </tr> <tr> <th></th> <th style="text-align: center;">Option 1</th> <th style="text-align: center;">Option 2</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">You will conduct simulations of one or more VEHS and analyze the captured data following worksheet guidance.</td> <td style="vertical-align: top;">You will conduct investigations into the behaviour of buildings fitted with Tuned Mass Dampers for earthquake resistance and also energy harvesting. Minimal guidance will be provided.</td> <td style="vertical-align: top;">You will use ChatGPT to produce a short report of the uses of VEHS. Based on your knowledge from Section 1, you will subject this report to critical analysis. You must include a record of the questions you submitted to ChatGPT.</td> </tr> </tbody> </table>	Section 1	Section 2			Option 1	Option 2	You will conduct simulations of one or more VEHS and analyze the captured data following worksheet guidance.	You will conduct investigations into the behaviour of buildings fitted with Tuned Mass Dampers for earthquake resistance and also energy harvesting. Minimal guidance will be provided.	You will use ChatGPT to produce a short report of the uses of VEHS. Based on your knowledge from Section 1, you will subject this report to critical analysis. You must include a record of the questions you submitted to ChatGPT.
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How should I present my work?	<p>Your paper should contain three sections: (1) A short introduction / abstract where you tell the reader what to expect reading your paper, (2) The main body of your paper, (3) A conclusion where you state your position.</p> <p>The main body of your paper should contain (i) observations, recorded as screen shots, tables of numbers or graphs, (ii) explanations related to your observations.</p> <p>If you choose option for Section 2, then you must present the report generated by ChatGPT <i>clearly identified</i> followed by your critical analysis of the report. I suggest you use <i>italics</i> or <i>colour</i> for the ChatGPT text. You might like to use another colour for the questions you submitted.</p>
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<p>How can I obtain guidance on my assignment?</p>	<p>You can show your tutor your work in progress at any time no later than one week before the submission deadline to enable you to review and address feedback provided to develop your work.</p> <p>The assignment briefing will be given w/c 23rd October 2023. You may ask for any additional support or guidance in class or via email c.price@worc.ac.uk</p>
<p>How and when do I hand my assignment in?</p>	<p>Your work must be word-processed/typed and should clearly show your student number. You should submit your work by the 3pm deadlines indicated above. You should submit your work to Blackboard which is available via <u>MyDay</u>. You are required to keep a copy of work handed in.</p> <p>See the separate Assignment Support Information document on Blackboard for help on how to submit or what to do if you are having trouble submitting your assignment.</p>
<p>How will my assignment be marked?</p>	<p>Specific marking criteria for your assignment is provided in the Grading Matrix within this document.</p> <p>You are strongly advised to check your completed work against the Grading Matrix to ensure have completed all areas required before you submit it.</p> <p>You should also ensure you adhere to the word limit / word count stated in your assessment brief document, details of which can be found in the University's Assessment Policy http://www.worc.ac.uk/aqu/documents/AssessmentPolicy.pdf</p>

L6 Grading Matrix for Comp3402 Position Paper 1 (Part 2)

This matrix captures the assessment criteria for this part of the coursework.

Student Name/Number:		Assignment No: 1	Weighting: 20%
Module Code:	Comp3402	Assignment Title: PP1 (part2)	
Module Title:	Nature of Computing	Semester: 1&2	
Learning Outcomes being assessed: <i>LO2. Critically analyse important contemporary applications of computers.</i>			

To best understand this matrix, start by reading the 'baseline' grade C

Knowledge and Understanding		Autonomy in Learning		Communication
Guided Investigation and Data Analysis		Option 1	Option 2	Well-written Paper
45		Semi-guided investigation of Tuned-Mass Dampers	Investigating ChatGPT	10
A	Investigation and analysis are both comprehensive AND detailed.	Investigation and analysis are both comprehensive AND detailed.	The investigation enhances AND extends the workshop material.	Position is coherent AND persuasive.
B	Comprehensive OR detailed investigation and analysis	Comprehensive OR detailed investigation and analysis	The investigation enhances OR extends the workshop material.	Position is coherent.
C	Investigation and Analysis of one scenario correctly discussed	Investigation and Analysis of one scenario correctly discussed	An investigation is presented.	Statement of position in clear language.
D	Attempt at Investigation and Analysis, though there may be some errors.	Attempt at Investigation and Analysis, though there may be some errors.	Attempt at an investigation.	Statement of position is too short.
F-	Little or no attempt at the Investigation.	Little or no attempt at the Investigation.	Little or no attempt at an investigation.	Little or no statement of position.

My approach to supporting and assessing SPaG on this assignment will appear on the Module Webpage and will be explained during the introductory session w/c 25th September 2022.

RESULTS ARE PROVISIONAL UNTIL AGREED BY THE BOARD OF EXAMINERS

