

Assignment Brief: Comp3402 Nature of Computing 2022-23

Assignment 2 (Part1)	Position Paper 2 (Part 1)
Word Limit or equivalent (e.g. time)	No word limit. Indicative time 14 hours
Weighting	15%
Learning Outcomes Assessed	(4) Critically evaluate the structure and function of autonomous intelligent systems
Submission date	'Early-Bird' 16 th January 2023 15:00 'Official' 13 th February 2023 15:00
Feedback date	20 days following the respective submission date
Module Leader	Dr. Colin Price c.price@worc.ac.uk
Verified by	Dr. Marc Price

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 should write a position paper stating your position on the following statement.</p> <p>“Language seen in Nature informs the development of computing architectures”</p> <p>You will draw on your worksheet material. There are two aspects: Sessions 1&2 will explore the relationship between English language and digital logic. Sessions 3&4 will draw upon a computer language informed by the structure of plants. You are expected to include material from both aspects in your paper.</p>
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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) explanations of how digital logic is related to natural language, (ii) how the structure of plants can be explained by a formal language. There must also a recorded Learning Conversation here (guidance will be given in class)</p> <p>You are required to cite journal references and also to include a Learning Conversation in this paper.</p> <p>References (use the University Harvard referencing system, support is available through the library www.worc.ac.uk/library/guides/study-skills/referencing)</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 on 21st November 2022. 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 2 (Part 1)

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

Student Number/Name:	Academic Year and Semester: 2022-23 AS	<i>(4) Critically evaluate the structure and function of autonomous intelligent systems</i>
Module Code / Title: Comp3402 Nature of Computing	Assignment No/Weighting: Ass 2 (part 1). Weighting 15%	
	Assessment Title: Position Paper 2 (Part 1)	

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

	Knowledge and Understanding		Autonomy in Learning	Communication
Grade	Language and Digital Logic	Algorithmic Beauty of Plants	Journal Articles	Learning Conversation
Weight	50%	30%	10%	10%
A	Explanation is comprehensive AND detailed.	Explanation is both comprehensive AND detailed.	Journal articles expand OR enhance the explanation presented	Learning conversation shows shared thinking AND exploratory talk.
B	Explanation is comprehensive OR detailed.	Comprehensive OR detailed explanation.	Several relevant journal articles are included.	Learning conversation shows shared thinking OR exploratory talk.
C	Explanation of the relationship between natural language and digital logic.	Explanation of how a grammar can produce a plant structure.	One relevant journal article is included.	A learning conversation is presented
D	Attempt to present an explanation, but this may be insufficient or contain errors	Attempt at explanation but may contain errors.	Journal article presented but is not relevant.	Learning conversation is presented but rather contrived.
Fails	Little or no attempt to present an explanation.	Little or no attempt at explanation.	No journal article presented.	No learning conversation presented.

My approach to supporting and assessing SPaG on this assignment will appear on the Module Webpage and will be explained during the introductory session 19th September 2022.

Feedback on your assignment.

Please review this feedback and use it to develop your work in your next assignment in this and your other modules. If anything is unclear, please ask the marker.

Aspects done well and why:		
Aspects for improvement and why:		
How successful completion of this assignment helps your employability and achievement of graduate attributes:		
See module outline for details of: (i) Reflective and resilient lifelong learning, (ii) Problem solving, (iii) Teamwork and effective communication, (iv) Digital citizenship.		
Grade awarded:		Marker: Colin Price
		Moderator*: Marc Price

** This person is responsible for moderating a sample of student work for this module. Your work may, or may not, have been included in this sample.*

I do not want my work to be used anonymously to help future students

RESULTS ARE PROVISIONAL UNTIL AGREED BY THE BOARD OF EXAMINERS

