

L6 Assignment Brief: Comp3402 Nature of Computing 2020-21

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| Assignment 2 (Part 2) | Position Paper 2 (Part 2) |
| Word Limit or equivalent (e.g. time) | No word limit. Indicative time 14 hours |
| Weighting | 1 / 6 of total module marks |
| Learning Outcomes Assessed | 3. Critically assess how an understanding of the natural world helps us create digital worlds through programming. |
| Submission date | 14 th February 2022 |
| Feedback date | One week following submission |
| Module Leader | Dr Colin Price c.price@worc.ac.uk |
| Verified by | Dr Pete Moody |

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

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| <p>What do I need to do to make a success of this assignment?</p> | <p>You will write a position paper answering the question</p> <p style="text-align: center;">“How the natural world can inform digital artefacts”</p> <p>You will draw on your worksheet material where you coded a biped robot controller using ‘neural circuits’ and then you investigated the robot. You will annotate your code and include observations of the behaviour of the robot, and explain these observations relating your explanation to code you have written. You will cite journal articles and finally answer the above question, so stating your ‘position’.</p> |
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| <p>How should I present my work?</p> | <p>You may choose to write the paper in an ‘essay’ style without any headings, or you may structure your paper with headings, like a report.</p> <p>Please look at the assessment matrix. Make sure you have included in the main body of your text: (i) annotated code (your Tutor will give guidance on this), (ii) explanation of the robot behaviour. You may include screen shots or YouTube movie clips (iii) a section ‘References’ where you list journal articles which you cite in your text.</p> <p>One way of including journal articles is to write a short introduction paragraph where you outline what is to follow in your paper and cite the articles there.</p> <p>Then after your main body, add a single paragraph where you answer the question, so stating your ‘position’. The communication quality of this paragraph will be assessed.</p> <p>Your Tutor will explain a nice way of organizing text and images using Draw Canvas in Word.</p> |
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| <p>How can I obtain guidance on my assignment?</p> | <p>You can submit an assessment plan of your work in progress or a short piece of text (no longer than two sides of A4, incorporating images, diagrams, tables) to enable you to obtain guidance on the overall structure and direction of your assignment. You should submit this no later than one week before the submission deadline to enable you to review and address feedback provided to develop your work. This will be in a Blackboard drop-box, alternatively you may choose to demonstrate your work in class.</p> <p>You will receive an assignment briefing during the session w/c 17th January 2022.</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.</p> <p>You should submit your work by the 3pm deadline on 14th February 2022. You should submit your work to the Blackboard drop-box which is available via MyDay. You are required to keep a copy of work handed in.</p> <p>See the University's guide to uploading and submitting assessment items via Blackboard: https://help.blackboard.com/Learn/Student</p> <p>If you have issues with Blackboard, Turnitin or PebblePad you will need to contact tel@worc.ac.uk</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>Please consult the document on the module website which provides a glossary of terms used in this assignment and the grading matrix.</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 2)

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

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| Student Number/Name: | Academic Year and Semester: <i>2021-22 AS</i> | Learning Outcomes: 3. Critically assess how an understanding of the natural world helps us create digital worlds through programming. |
| Module Code / Title: <i>Comp3402 Nature of Computing</i> | Assignment No/Weighting: <i>Ass 2 (part 2). Weighting 1/6</i> | |
| | Assessment Title: <i>Position Paper 2 (Part 2)</i> | |

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

| Grade | Knowledge and Understanding | | Autonomy in Learning | Communication |
|--------------|----------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------|
| | Annotated Code | Critical Evaluation | Journal Article | Well-written Paper |
| | 30 | 40 | 10 | 20 |
| A | Annotated code is both comprehensive AND detailed | Evaluation is both comprehensive AND detailed | Journal articles expand OR enhance the workshop material | Position is coherent and persuasive. |
| B | Comprehensive OR detailed annotated code. | Comprehensive OR detailed evaluation. | More than one relevant journal article presented | Position is coherent |
| C | Annotated Code presented | Critical evaluation of the biped robot based on its coded controller | One relevant journal article presented. | Statement of position in clear language. |
| D | Attempt to annotate code | Attempt at evaluation, but may contain errors | Attempt at including extra material | Statement of position is too short. Spelling and grammar may contain errors. |
| Fails | Little or no attempt to annotate code | Little or no attempt at evaluation | Little or no attempt at including extra material | Little or no statement of position |

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.

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| Aspects done well and why: | | | |
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| Aspects for improvement and why: | | | |
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| Development for future assignments: | | | |
| | | | |
| How successful completion of this assignment helps your employability and achievement of graduate attributes: | | | |
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| Grade awarded: | | Marker: | Moderator*: |

** 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