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| DEPARTMENT OF BUILT ENVIRONMENT | | |
| Project Management | | |
| Construction Management Year 4  Civil Engineering Management Year 4 | | |
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| Paul Vesey | Rm. 13B09 |  |

**Continuous Assessment Exercise No. 1 – 4D Schedule**

**Issue Date:** 23th November 2016

**Submission Date: AS INDICATED ON MOODLE**

**Continuous Assessment Marks**

This exercise represents 10% of the 50% allocated for continuous assessment in this subject.

**Submission Procedure**

1. Submit a single zip file through Moodle on or before the date and time indicated.
2. You will be submitting a number of files for this assignment, specifically,
   1. Microsoft Project File
   2. Autodesk Revit File
   3. Autodesk Navisworks File
   4. Animation File
3. Assignments are to be submitted to via Moodle and Turn-It-In on or before the submission date. **Late submission penalties will apply.**

**Late Submission Procedure**

1. **Late submission penalties will apply.**
2. Extensions of time will not be granted except in exceptional circumstances. Loss of pen-drive, computer crashes, inability to use software, etc. will not be considered ‘exceptional circumstances’.
3. Late submission penalties may be avoided upon presentation of a valid Medical Certificate. An extension to the date of submission will be made for the duration of illness stated on the Medical Certificate.

**The Task – 4D Project Schedule**

You have been provided with an Autodesk Revit model of a simple house. You key deliverable is a 4D Schedule of the house build. In order to create this you will have to:

1. Create a detailed project plan in Microsoft Project
2. Import the Revit file into Autodesk Navisworks Manage
3. Link the project tasks to the building features
4. Export an animation of the 4D schedule

Resources will be available on YouTube to assist you in this project.

**Marking**

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| **Item** |  | **Mark** |
| 1 | Microsoft Project | 30% |
| 2 | Navisworks imports and link | 40% |
| 3 | Final Animation | 30% |