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# **EEEN30052 Concurrent Systems**

## **Coursework Assignment**

## **Lab Arrangements**

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## 1. Introduction

The assignment is intended to be completed in your own time. However, two optional weekly assessment-related sessions will run in weeks 6, 7, 8, 9 and 10. Both sessions take place on Tuesdays:

- 12.00-13.00 Engineering Building A Room A\_2A.013
- 14.00-15.00 Engineering Building A Computer Clusters 4 and 5

12.00-13.00 Session: this will be a discussion of issues concerning getting the assignment programs to work. Hence it will have some live demonstrations by Peter Green, question and answer sessions, and reviews of lecture and other material relevant to the assignment.

14.00-15.00 Session: this will be in the Computer Clusters and provides the opportunity for you to get advice on your code and to demonstrate it running.

## 2. Deadlines

The final deadline for submission of your code for marking is 13.00 on Monday 29<sup>th</sup> November 2020. Code must be uploaded to Blackboard and exact details of the submission will be provided nearer to the time. You may choose to submit only Part 1, Parts 1 and 2 or all three parts. If you do not complete all three parts, then the maximum mark you can achieve is, of course, capped.

There is only one deadline, and you should try to follow the timetable below, to avoid last minute panic.

Assignment Part	Publication week	Notional completion	Assignment weighting
Part 1	5	End of week 7	40%
Part 2	7	End of week 8	40%
Part 3	7	End of week 9	20%

You will be expected to answer questions about your code in a short session with a GTA in week 10 or 11. Details to follow. However, your code will be marked off-line.

## 3. Development Environment

It had been intended to use the Microsoft Visual Studio environment. However, it transpires that only a 'cut-down' version is available on the machines in the new clusters. Consequently, Code Blocks will be used instead. This has a number of benefits:

- (i) It is available in the new MECD clusters.
- (ii) It is available in the Barnes Wallis cluster

- (iii) It is available for free download as explained in the video in the Assignment folder (inside the Programming folder). This video also demonstrates creating, building and running a simple project in Code Blocks and a further demonstration will be given in the Tuesday 12.00 session in week 6 (2<sup>nd</sup> November).

Note that you may use other development environments to write and test your code. However, during marking and the question sessions, your code will be run in Code Blacks and if it does not compile or operate correctly then marks will be lost.