

## School of Computer Science – Coursework Issue Sheet

<b>Session</b>	2014/15	<b>Semester</b>	1
<b>Module Name</b>	Computer Systems Architecture	<b>Code</b>	G51CSA
<b>Module Convenor</b>	Steven Bagley		

<b>Coursework Name</b>	Bubblesort	<b>Weight</b>	25%
<b>Deliverable</b>	Software		
<b>Format</b>	ARM Assembly Source code		

<b>Issue Date</b>	25 <sup>th</sup> November 2014
<b>Submission Date</b>	9 <sup>th</sup> December 2014
<b>Submission Mechanism</b>	Via submission link on website
<b>Late Policy</b>	University norm until feedback/solution released then 0%
<b>Feedback Date</b>	By start of Spring term 2015
<b>Feedback Mechanism</b>	Written feedback sheet delivered via email, along with generic class-wide feedback placed on the module website.

<b>Instructions</b>	Implement the programs as defined in the coursework description in ARM Assembly language.
<b>Assessment Criteria</b>	<p>Each sub-problem of the coursework will be assessed in three parts. Firstly, grades will be given for the use of appropriate assembly techniques. Secondly, grades will be given for each of the specific features asked for in the coursework description document. Finally, a mark will be given for the 'Overall impression' given by the implementation.</p> <p>In all cases, we are looking for solutions that make the best and most appropriate use of memory, registers, conditionals and loops, and execute in an efficient manner. All programs that correctly implement the problems described will obtain a pass mark.</p> <p>All grades will be given on the scale A–E.</p>