

# 2011 COMP3211/9211 COMPUTER ARCHITECTURE PROJECT PART 1

## PRESENTATION ASSESSMENT GUIDE

### Description of Group Presentation

Each member will present for **7** minutes on one of the three topic areas identified in the project specification (design, implementation, and results). These topics will be presented in order.

Most groups consist of 3 members, but some contain 4 people. For the group with 4 members, an extra topic area is provided.

All members in a group can work together to prepare for the presentation slides. The projectors for PowerPoint presentation are provided. Please email your group PowerPoint presentation file to your tutor ([jigu@cse.unsw.edu.au](mailto:jigu@cse.unsw.edu.au), or [meihong@cse.unsw.edu.au](mailto:meihong@cse.unsw.edu.au)) one day before the presentation in week 6. Your tutor will make it available during presentation.

Presenters will receive a first warning gong at 6 minutes into their presentation, and a second gong at 7 minutes to indicate they should conclude immediately. After their presentation, there will be about 2 minutes of time available for questions and feedback. Questions and feedback from the audience are strongly encouraged.

### Assessment

All students in the tute/lab class are required to attend. Audience members will assess the presentation of other groups and the work of their group members. Students will be provided with assessment sheets for this purpose.

The assessment results will be averaged (with weight 20% for internal group members, 60% for external group members, and 20% from the tutor) to determine a final score which will be available in Week 7.

The assessment provided by an audience member should be in the form of a score out of 7 for each individual presenter.

Of these 7 marks, a maximum of 4 marks will be awarded for the presentation, and a maximum of 3 marks will be given for the technical contents. Points may be awarded in half-mark increments.

For both the “presentation” and “content” dimensions, points are to be awarded on a number of criteria (see the appended Assessment Sheet).

The criteria are just a basic guide. It is not required that any one particular criterion be demonstrated in its entirety rather that some insight be provided into how the technical challenges were overcome. Assessors should give some thought to balancing the assessment of the breadth of coverage of a criterion with the depth of coverage for significant factors.

You will have 1 minute following each presentation, while the next presenter is setting up, during which to complete your assessment for each presenter. It is suggested you use a pencil and eraser for this purpose, and that you review your marks after all presentations are complete.

**Please make sure you come to the presentation class on time and participate in the whole assessment process.** Your participation is worth 1 out of total 8 marks.

### Suggestions

It is difficult to prepare an overall coherent and flowing group presentation without giving some freedom for individuals to cover particular points relevant to another presenter’s topic area. Brief references to the related work presented by your group members will be allowed if it aids understanding of the overall work and presentation.

We suggest you meet at least once before your presentation as a group and to determine how you’ll organize your presentation. You will find that meeting once more (after the presentation organization has been settled) to run through your prepared presentations is worthwhile.

The tutor will distribute the assessment sheets during class, and collect them for the final mark derivation.

## COMP3211/9211 Project Part 1 Assessment Sheet

<b>Group Name</b>			
<b>Presenter Name</b>			
<b>Assessor Name</b>			
<b>Topic area</b>		Design / Implementation / Results	
<b>Presentation &amp; Style (for all presenters) Score</b>			<b>Max Points</b>
Clear and understandable slides		1.5	
Logically structured & coherent presentation		1.5	
Appropriate level of detail		0.5	
Ability to handle questions		0.5	
<b>Total</b>			/ 4.0
<b>Technical Content – Design</b>			
1a	High-level program	0.5	
1b	Choice of ISA	1.0	
1c	Translation to Assembly code	1.0	
1d	Estimation of instruction count with an example	0.5	
Criterion from other topic area (specify):			
<b>Total</b>			/ 3.0
<b>Technical Content – Implementation</b>			
2a	Overall design of processor (block diagram)	1.0	
2b	Detailed implementation of branch control or control unit or ALU	1.0	
2c	Clock design	0.5	
2d	High-level presentation of instruction execution	0.5	
Criterion from other topic area (specify):			
<b>Total</b>			/ 3.0
<b>Technical Content – Results</b>			
3a	Brief description of the VHDL model and simulation setup (focusing on any special treatments you applied)	0.5	
3b	Demonstration of simulation results	0.5	
3c	Explanation of program execution with aid of simulation waveform	1.0	
3d	Verification of the correctness of results	1.0	
Criterion from other topic area (specify):			
<b>Total</b>			/ 3.0

<b>Technical Content – Project management and Design Elaboration (for 4-member group only)</b>			
4a	Brief description of how your group project is managed, any issues encountered and strategies applied	0.5	
4b	With the contribution of an extra team member, how the quality of your group project has been or can be reinforced.	0.5	
4c	Choose one or two design features that are most representative of your group work.	0.5	
4d	Elaboration of the design feature(s)	1.5	
Criterion from other topic area (specify):			
<b>Total</b>			/ 3.0