**CARLETON UNIVERSITY**
**Department of Systems and Computer Engineering**

**SYSC 5104. METHODOLOGIES FOR DISCRETE EVENT MODELLING AND SIMULATION**

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**Term Project Student Presentations**

The goal of the Term Project is the design and implementation of a complex simulation model based on the techniques introduced in the course. During the last week of classes, the students will do an oral presentation about their term project (the students are expected to present their project general aspects and current advance).

The Project WIP presentation will count for 10% of the final mark.

1. General Guidelines

Each student will have a fixed timeslot of 8 minutes. Approximately 6 minutes will be spent in presenting the project and current results, and 2 minutes will be used for questions. These deadlines will be enforced, and at 8 minutes a new presentation will start.

A PC with PowerPoint will be provided; every student is expected to have their slides ready prior to the presentation (emailing them is mandatory; email the presentation before 12:00 pm so they can be ready for the class; bring a USB key as backup). You can use PDF or other kind of presentation software (provided that we have the software available to display the presentation).

This activity will be only focused on evaluating the work in progress until the moment of the presentation.

It is very important to keep the presentations well organized, and to make good use of the allocated time. You should consider that every slide will take you between 1 and 2 minutes (i.e., a pair of slides should be prepared). I suggest you to use the following organization:

1.  Presentation (1 slide; your name(s), and project name)
2.  Introduction: general presentation to the topic (1-2 slides; 1 minute each max)
3.  Core activities: here you will present what you have done up to date (model definitions, tool development, experiments carried out, etc.) (1-2 slides; 1 minute each max)
4.  Current results: here you will introduce the results currently obtained, if any (1 slide; 1 minute)
5.  Conclusion (1 slide summarizing the work you have done; 1 minute)

Some hints for preparing the slides:
-   Include pictures whenever you can
-   Do not use fancy backgrounds with many colors
-   Include bulleted lists with general ideas (complete sentences must be avoided)
-   Reduce formulas and equations to a minimum. If you need to include them, focus in the most important parts of the equations, and do not include them completely.
-   Do not include source code; if you need to, include only the parts you consider important
-   Do not include complete Cell-DEVS or DEVS specifications; if you need to, focus in the parts of the specifications that are most important to understand the problem you are modelling
-   If you show simulation results, do not show complete log files; focus in the parts of the logs that are of importance (these results should be displayed using graphical means, instead).
-   Correlate your talk with the slides; the slides must be the visual support for your presentation

Other guidelines here:
http://www.scs.org/confernc/springsim/springsim08/PresentationLessonsLearned.pdf

2. Presentation schedule

Check course webpage

**<u>Important information about the WIP presentations:</u>**

The advance of the project, the current results and the quality of the project itself **will not be evaluated during the presentations.** These issues will be only evaluated after the final submission, and by reading your final reports and seeing the execution of your final project. During the WIP, you should focus in explaining your plans, your status of advance, and your goals. You should show the methodologies you are using, and what you planning to achieve. You do not need **to present results**. It is more important to do a good presentation (with precise timing and focusing in the important things); do not rush to have intermediate results ready before the presentation. If your project has advanced in such a way that you are able to show results, that is good! However, this is not what we expect in the presentations: we just want to hear about your project, your plans and goals, and know where you are the day when you present it (you will still have more time to finish it).