

# Guideline for Group Research Assignment

## ELEC5509 Mobile Networks Semester 1, March 2009

During semester students will be asked to do some literature survey and summarize their finding in the form of written reports and PowerPoint presentation. This will be counted as 15% of the overall semester mark. The guideline for this assignment is explained in this document.

This assignment provides you with an experience in writing a technical paper. While the results you write in your report are from other people's work, you will demonstrate how you can put together other people's ideas in an abstract and useful form. Also since the report will be prepared in a group, you will learn how to work with other peers in a project. You will also learn how to prepare a good presentation.

In the list of research groups, you will find your SID and your topic as well as SID and email address of your group peer members. Start with contacting your peers in your group and knowing them, then:

1. Based on the title of research allocated to your group (shown in the Research Assignment Grouping list), find at least FIVE "good" research papers among those published previously in any of the IEEE Journals or Magazines. You can access IEEE papers through the University's SciTech Library web page under IEEE Xplore. By "good" we mean that in your capacity as a senior-year engineering student you find the paper a key literature in the field. For this task, you need to consult with your group members and manage the task.
2. Print and read those papers carefully and completely and if necessary check with the papers cited in that paper as references.
3. Prepare an extended summary of the contents of those papers, no longer than three A4 pages, on your own words (no copy and paste from any published paper). This summary must also include a complete list of references at the end showing which paper you have read for this purpose. The format of referencing and citation must be same as those used in standard IEEE papers.
4. Prepare a PowerPoint presentation that summarizes your finding ready for oral presentation to other people. This presentation should not exceed 15 pages of slides including the title page.
5. Submit electronically, your report and the PowerPoint presentation (described in items 3 and 4 above, respectively) to your Tutor by the date shown below.

We will mark your assignment as follows (percent of total semester mark) (total 15%):

- Extended summary preparation and on-time submission: 8%
- PowerPoint presentation preparation and on-line submission: 7%

### Assignment Timetable:

- |   |                        |
|---|------------------------|
| • Allocations of students into groups         | Thursday 30 April 2009 |
| • Allocation of research topics to groups     | Thursday 30 April 2009 |
| • Submission of Report and PPT files to tutor | Wednesday 27 May 2009  |

### List of Research Topics and students assigned to each topic:

[\*List of Topics and Students\*](#)

*Published on 30 April 2009*

Note: All activities in this assignment must be done by the group of students allocated to the same topic. It is your responsibility to manage the work to be done by all in the group. Reports are received as **one per group**.