Unix for Telecommunications

Portfolio Task – P-Lab-02-LaTeX
Distinction Level Task

I. INTRODUCTION

In this lab you will explore the use of the LaTeX application to prepare documentation. LaTeX is a form of markup language for generating documents and is the traditional means of writing reports under Unix. LaTeX is also available for use under Windows and is free software.

II. PURPOSE

To gain and/or enhance the following practical skills:

- Generate a PDF document in **ACM conference format** using LaTeX
- Understand the process of moving an existing LaTeX document to a different document class/template

III. PREPARATION

You should not attempt this task until you complete the **Pass** level task **P-Lab-02-LaTeX-P**.

IV. METHODOLOGY

Your task is to re-generate the document from the **Pass** level task **P-Lab-02-LaTeX-P** in the ACM conference format.

A. Generating document in ACM conference format

1) Download the ACM LaTeX template from https://www.acm.org/publications/proceedings-template (**Note:** You will need to use *ACM conference template*, not the templates for journals.)
2) Put the templates into your LaTeX document source directory
3) Do some research in how to modify your document to use the ACM style?

V. ASSESSMENT

The due date for completion of practical work is **11:00pm**, exactly **six** days after your scheduled class.

Note: *The nominated submission day/time holds regardless of whether that day is a non-teaching day or public holiday*

To complete this lab you need to submit (to Doubtfire) an **ACM conference** formatted PDF document generated by LaTeX that contains the exact same content as the **IEEE conference** formatted PDF generated for task **P-Lab-02-LaTeX-P**.

A. Completion of task in Doubtfire

You will need to upload your LaTeX generated ACM-formatted PDF document containing all the required elements to Doubtfire portfolio before the due date.

B. Tutor Discussion

In order for the submission to be marked as complete, you must discuss your work with the tutor.