**EE 468**

**Writing Assignment 1**

Unix/Linux is an operating system that has made a big impact in the computer industry. Variations of it have been used in a variety of applications including servers, embedded systems, smart phones and tablets. This writing assignment is to research this operating system.

**Instructions**: Write a research report about the Linux operating system. The report should cover the following topics.

\* Architecture of Linux

\* History

\* Why is Linux popular

\* How is Linux developed and maintained (note that is open source code)

\* POSIX API of Linux

\* Briefly describe the Debian version, and how it is developed and maintained

\* Redhat is a company that develops and maintains an open source version of Linux, Fedora. How is this done and how do they make money.

\* Android briefly describe and and explain the difference between Linux

\* Rasberry pi, are there any differences between Linux and rasberry pi. What are the applications of Rasberry pi?

Your report must follow the writing style guidelines for this class. You can find the style document under Discussions in lauliima for the EE 468 class. The number of pages must be at least 4 but no more than 8 excluding the cover page, list of references, figures, and tables.

Submit your document in hard copy form at the beginning of class on its due date. You will get your report back with a score, correction marks, and comments. You then have a week to resubmit your report for a better grade. Include the original report (with mark up). You will then get a final grade.