Ryerson University
Department of Electrical & Computer Engineering
ELE709 - Real-Time Computer Control Systems

Lab 2 - Time and Clocks

Name:

1. What do you think caused the difference between the requested sleep time and the "actual" sleep time when you run `lab2a.c` and `lab2b.c`?

2. How do the timing results obtained with the RTAI clock differ from those of the POSIX clock? What do you think caused the difference?

3. Run the required program for Exercise 3.3 on a workstation in ENG413 and record the execution time per iteration for the four basic mathematical operations in the table below:

Execution Time per Iteration			
+	−	×	÷