

COURSE ECE354

Quiz I

June 2, 2009

1. What material did you use to prepare for the quiz? There only exist correct answers to this question. Please list a selection of (or specify other): Stalling's book, another book, lecture slides, own notes, nothing. [1p]
2. What is the main purpose of the dispatcher in an OS? [5p]
3. What is the purpose of system calls, and how do system calls relate to the concept of kernel and user mode? [5p]
4. Explain the advantages of kernel-level threads over user-level threads. [5p]
5. Explain the term starvation and provide a code example and description that demonstrate the problem. [7p]
6. What is the command to download the .s19 file to the physical board in Lab and what is the command to download the .s19 file on cf-server? [4p]

End of quiz. Total points: 27

B

Quiz guide: The exam consists of 6 questions listed on one page. The exam's total number of points is listed at the end. The quiz duration is 20 minutes. Note make sure you don't have the same quiz ID as any of your neighbours. If you have, say so immediately. **If you don't, you invalidate your score.**