

EECE 412, Fall 2012

Quiz #1

Your Family name: _____

Your Given name: _____

Your student ID: _____

Notes:

- Make sure your handwriting is legible. If the teaching staff does not understand what you wrote, they mark your answer as if the unreadable text is missing.
- Aim to be precise and to the point. The experience of teaching this course since 2004 suggests that excessively long answers tend to correlate with lower marks.
- As in real world, stated questions and/or accompanied descriptions in this quiz are often open-ended and one has to make assumptions in order to answer them. If you do make assumptions, state them clearly and explicitly.
- The mark for this quiz will be pro-rated. That is, the best answer receiving 100% and the marks for all other answers being pro-rated accordingly. So, don't panic if you feel like you are severely short on time. Everybody is. 😊

1. (4 points) Based on the article from The Register about Conficker Worm, reproduced in handout #1, analyze (1) the value of the assets at risk, (2) threats to these assets, and (3) threat agents, for the hospitals across Sheffield due to the described attack. If necessary, make reasonable assumptions and state them clearly. Explain which of the CIA properties of the valuable assets were reduced as a result of the incident.

2. (4 points) Consider the risks due to Conficker Worm explained for the previous problem. For each of the four ways of managing this risk, give one example of what the hospitals can do. Be specific.

1.

2.

3.

4.

b. (10 points) Write justification for the checkmarks in the above table.
(use the next page, if you need to)

