

# **COSC 352**

## **Information Assurance**

### **Homework 1**

In our overview, we have seen that education is a vital part of information assurance. For your first project you will develop a short educational module on some technical aspect of computer or network security. This module should be directed at an intelligent but not necessarily technically-saavy person (think of someone like an incoming Georgetown freshman).

You should choose a topic that interests you that is not covered directly in the texts. Some suggested topics:

- File sharing systems, like Kazaa or Morpheous
- Instant messaging systems
- E-mail virus prevention
- Security for people in on-line dating services
- Physical security for computers for dorm residents
- On-line privacy for web surfing
- Controlling cookies while web surfing
- Security of PDAs

Your education module should include:

- A complete but concise analysis of the risks associated
- Information about how to mitigate the risks you describe
- An exercise that the learner can use to re-inforce the learning points. This could emphasize the risks, but also should re-inforce the solutions.

You will first turn in a slip with your name, e-mail and two suggested topics that you wish to pursue. This will be due in class on January 31st. I will make sure that each person in class is doing a separate topic. The module itself will be due on February 12th, in class. If you choose to do some electronic form of a module, then you may submit that by e-mail before class.

Be creative! Try and come up with things that the learner can do on-line, or with others.