California State University, Northridge
College of Business & Economics
Department of Accounting & Information Systems

IS 497B: Information Security and Assurance
Reading Preparation Assignment
Chapter 1

Read Chapter 1 of the *Management of Information Security* textbook, pp. 1-30.

The following review questions will be used to lead class discussion. Note, while I feel that it is a good idea to write out the answers to these questions, please know that I will not be collecting them as homework.

1. List and describe the three communities of interest that engage in an organization's efforts to solve InfoSec problems. Give two or three examples of who might be in each community.
2. What is information security? What essential protections must be in place to protect information systems from danger?
3. What is the importance of the C.I.A. triangle? Define each of its components.
4. Describe the CNSS security model. What are its three dimensions?
5. What is the definition of "privacy" as it relates to InfoSec? How is this definition different from the everyday definition? Why is this difference significant?
6. Define the InfoSec processes of identification, authentication, authorization, and accountability.
7. What is management and what is a manager? What roles do managers play as they execute their responsibilities?
8. What are the characteristics of management based on the method described in the text as the "popular approach" to management? Define each characteristic.
9. What are the three types of general planning? Define each.
10. Define "project management." Why is project management of particular interest in the field of InfoSec?
11. How can security be both a project and a process?
12. What are the three planning parameters that can be adjusted when a project is not being executed according to plan?
13. How would you answer the following; "What is the most important thing that a (computer-based information) system achieve?"