Student Name: Edward Schwartz
Course Title: "Information Security Management"
Faculty Advisor: Mr. Edward Devinney

The objectives of this BIS 489 Directed Readings course are:

1. Understand the unique management components of information security within the greater framework of information technology (I/T) management.
2. Describe the specific domains of activity within information security and how they map to I/T domains and/or typical enterprise I/T programs (e.g., architecture).
3. Describe the role of the information security manager within the corporate enterprise, both as an I/T manager and as a business manager.
4. Tie together the three interdisciplinary areas of my BIS degree program: information technology, management, and information security, by providing a rationale for this linkage for the information security manager.

Proposed Readings List:

1. "Information Security Management Handbook, 4th Edition." Harold Tipton and Micki Kraus (eds.). Publisher: Auerbach Publications; 4th edition (October 1999).

   Purpose: This 768 page publication will satisfy the requirements of objectives #1 and #2 and will provide a detailed framework for describing the key management components of an information security program.

2. "The Information Systems Security Officer's Guide: Establishing and Managing an Information Protection Program, Second Edition." Gerald L. Kovacich (author). Publisher: Butterworth-Heinemann; 2nd edition (July, 2003).

   Purpose: This 288 publication has some similarities to the Tipton book, but takes a practitioners perspective, rather than a management perspective. It will provide useful validation or contrast to the ideas contained in Tipton and Krause. It also will satisfy objective #3 of this course.

3. "Putting the Balanced Scorecard to Work." Robert S. Kaplan and David P. Norton. Publisher: Harvard Business School Publishing (September/October 1993).

   Purpose: This short reprint from HBR contains a measurement framework for evaluating the linkage between business strategy and actual results. I plan to use this reading to determine if there is way to use a framework to describe the desired outcome of security programs in generally accepted management language.

4. Archives of the "security-metrics" mailing list. This is a private listserv with numerous discussions regarding issues associated with ROI and security performance measurement.

   Purpose: This mailing list consists of senior thought leaders in the information security management space. I plan to use these readings to locate other sources of information to support my objectives in this course, and for future research.

Proposed Deliverables and Timetable:

- Class begins on or about June 1, 2005 (GMU Summer Term).
- Bi-Weekly Progress Reports: Will be 1 to 2 pages in length and will describe completed readings and general information gathered from readings. Will be submitted via e-mail.
- Findings paper: Will be 12 to 15 pages in length and will describe the information I have gathered to meet the four objectives above.
- Class ends on or about August 10, 2005. Grade submitted shortly thereafter.