

Instructor: Eric Swedin, Ph.D
Office: DV137L (at Davis campus)
Office phone: 801-395-3553
E-mail: eswedin@weber.edu
Web site: <http://www.swedin.org/>
Office Hours: Office hours are available by appointment.

Class Description:

This graduate course requires the student to read **three** books and discuss each book in turn with the instructor during individual appointments. The student is responsible for setting up individual appointments with the instructor during the course of the semester. There will be three **separate** appointments.

Books:

You must read three books from the following list.

- Cliff Stoll, *The Cuckoo's Egg: Tracking a Spy Through the Maze of Computer Espionage* (any edition).
- David Brin, *The Transparent Society: Will Technology Force Us to Choose Between Privacy and Freedom?* (Perseus Books, 1999).
- Bruce Schneier, *Beyond Fear: Thinking Sensibly About Security in an Uncertain World* (Springer, 2006).
- Bruce Schneier, *Schneier on Security* (Wiley, 2008)
- Emmanuel Goldstein, *The Best of 2600: A Hacker Odyssey* (Wiley, 2008)
- James Bamford, *Body of Secrets: Anatomy of the Ultra-Secret National Security Agency* (Doubleday, 2001)
- James Bamford, *The Shadow Factory: The Ultra-Secret NSA from 9/11 to the Eavesdropping on America* (Doubleday, 2008)
- Ed Skoudis, *Malware: Fighting Malicious Code* (Prentice Hall, 2003).
- Ed Skoudis and Tom Liston, *Counter Hack Reloaded: A Step-by-Step Guide to Computer Attacks and Effective Defenses* (Second edition, Prentice Hall, 2006)
- Phillip Hallam-Baker, *The dotCrime Manifesto: How to Stop Internet Crime* (Addison-Wesley, 2008)
- Johnny Long, *No Tech Hacking: A Guide to Social Engineering, Dumpster Diving, and Shoulder Surfing* (Syngress, 2008)
- You may also choose any book related to information assurance or information security of your choice, **subject to the instructor's approval.**

Grading Policies:

Grades will be determined on the basis of the instructor's evaluation of how well the student has absorbed the content of the directed readings and has been able to effectively communicate that knowledge.

Students with Disabilities:

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in Room 181 of the Student Service Center on the Ogden campus. SSD can also arrange to provide materials (including this syllabus) in alternative formats if necessary.