Two Introductory INFOSEC Courses

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My friend and colleague David Kennedy, Chief Curmudgeon at ICSA Labs (and Director of Research there) recently forwarded news of an interesting new resource for teaching and learning information security.

Wanja Eric Naef < w.naef@iwar.org.uk > has announced that Mark Burgess, associate professor in the Faculty of Engineering at University College Oslo, Norway kindly gave him permission to mirror his introductory INFOSEC course at < http://www.iwar.org.uk/comsec/resources/security-lecture/index.html >. The 14 lectures are available in English as well as in Norwegian:

1 What is security?
2 Trust and Risk Analysis
3 Basic Information Security
4 Identity & Authentication
5 Protocols & Data Integrity
6 Access control
7 Security models
8 Object orientation
9 Software security I
10 Software security II
11 Encryption
12 Intrusion detection
13 Internet security
14 Site security summary

I have read a few of these lectures and find them refreshing and enjoyable. They will provide a good resource for beginners interested in a painless and interesting introduction to the field. Prof. Burgess also has some good background links at the bottom of the page that lists the lecture titles.

While I'm on the subject of course material, I invite readers to visit my Web site to pick up ideas from my own courses, which are freely available for anyone to use for non-commercial purposes. Just follow the COURSES link from my home page at < http://www.mekabay.com/index.htm >. In the section labeled "INDUSTRY" you'll find some notes on some keynote speeches, a list of resources for security educators, the INFOSEC UPDATE course from March 2001, and a review of cybercrimes. In the Norwich courses section at < http://www.mekabay.com/courses/academic/norwich/index.htm > I have the lecture notes for the Cybercrime and the Information Security Assurance courses I taught in the fall semester of 2001. Most of these notes are available as HTML and also as printable Acrobat PDF files. I hope readers will find them useful in preparing their own courses for colleagues or for other students. Corrections and suggestions for improvement are always gratefully received.

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