



# Principles of Information Security

*Michael E. Whitman , Herbert J Mattord*

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## **Principles of Information Security** Michael E. Whitman , Herbert J Mattord

Master the latest technology and developments from the field with the book specifically oriented to the needs of information systems students like you -- PRINCIPLES OF INFORMATION SECURITY, 6E. Taking a managerial approach, this bestseller emphasizes all aspects of information security, rather than just a technical control perspective. You receive a broad overview of the entire field of information security and related elements with the detail to ensure understanding. You review terms used in the field and a history of the discipline as you learn how to manage an information security program. Current and relevant, this edition highlights the latest practices with fresh examples that explore the impact of emerging technologies, such as the Internet of Things, Cloud Computing, and DevOps. Updates address technical security controls, emerging legislative issues, digital forensics, and ethical issues in IS security, making this the ideal IS resource for business decision makers.

## **Principles of Information Security Details**

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## From Reader Review Principles of Information Security for online ebook

### Geir says

Great for history, theory and concepts, but this edition (the third) was a bit behind the times on current standards. Make sure you get the latest edition. As of today, 4th ed from 2012 is the good stuff.

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### Mel says

My god, this is the most boring book I've ever read. I had to read it for uni, but gosh, it's been a struggle. It's all 'pie in the sky' security information rather than anything even half way practical. If you don't have to DON'T READ IT

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### JANISSE says

AWESOME BOOKS

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### Melanie says

College course work book. Good information.

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### David says

As required college overview reading, I guess this book would be OK. Its ivory tower is showing. But the crypto chapter (chapter 8) is pretty bad.

On P350 and P389, they refer to 3DES as a 128-bit cipher. But on P366 they change their minds and write "3DES uses three 64-bit keys for an overall key length of 192 bits". Both were wrong. DES only uses 56 of 64 bits for encrypting/decrypting, so 3DES is 168 bit -- not that it's even close to a 168-bit strength against a brute force attack.

They then say the Vernam Cipher is "also known as the one-time pad". Except that the Vernam cipher's keying material repeats when used up (that's why a one-time pad is not called a two or three time pad).

They also discuss old standards that went nowhere that no one uses, as if they are legitimate competing alternatives (examples, SESAME and S-HTTP). And their crypto chapter discusses S-HTTP, but doesn't even once mention TLS.

These gripes all pertain to the 4th edition (2011).

### **Beck Frost says**

General concepts and dated content. Might have been relevant about 10 years ago. Had to read for school, and even the instructor taking over the class talked about how bad this book is and can't wait to get a new book approved for the next sessions of the course.

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### **Nitin says**

none

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### **Aseel says**

Required reading for my class and it was great  
This book gave me a clear view of security components  
Good for beginners in this field  
It is not available in many libraries  
but you could buy it online

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### **Sarah says**

Quiet dry, but informative.

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### **Major Doug says**

It was more about theory and physical security than network/system practicalities

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### **Bob says**

This is an excellent book to read about information technology. It goes into great details about all the security issues we face today involving information. In particular, that internet is a bad neighborhood of its own; yet, many resort to it through daily activities believing that they are safe from harms way.

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### **Catcheeto says**

Required reading for my class but a good enough read I took the time to add it on. Well written, keeps the info entertaining. A good read if you are newer in the information security scene. Bad thing is it is a textbook

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so it was \$70 or so. Not sure if it is worth that if not needed for class, so you might wait till a bit older or check the first/second edition (not sure how good they are though).

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### **Ross Gerard says**

Well require references and further studies to master. Knowledge of Algebra, Discrete Mathematics, Computer Hardware, and Networks recommended.

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### **Bob says**

I am using this text book to teach. I find it useful to discuss current security issues.

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### **Sycrat says**

I read this as recommended reading for my university course. While there were a number of key concepts I picked up, there was also a lot of real estate wasted on excessive detail that I don't think added anything.

Half of the book helped me to sleep, while the other half provided interesting reading.

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