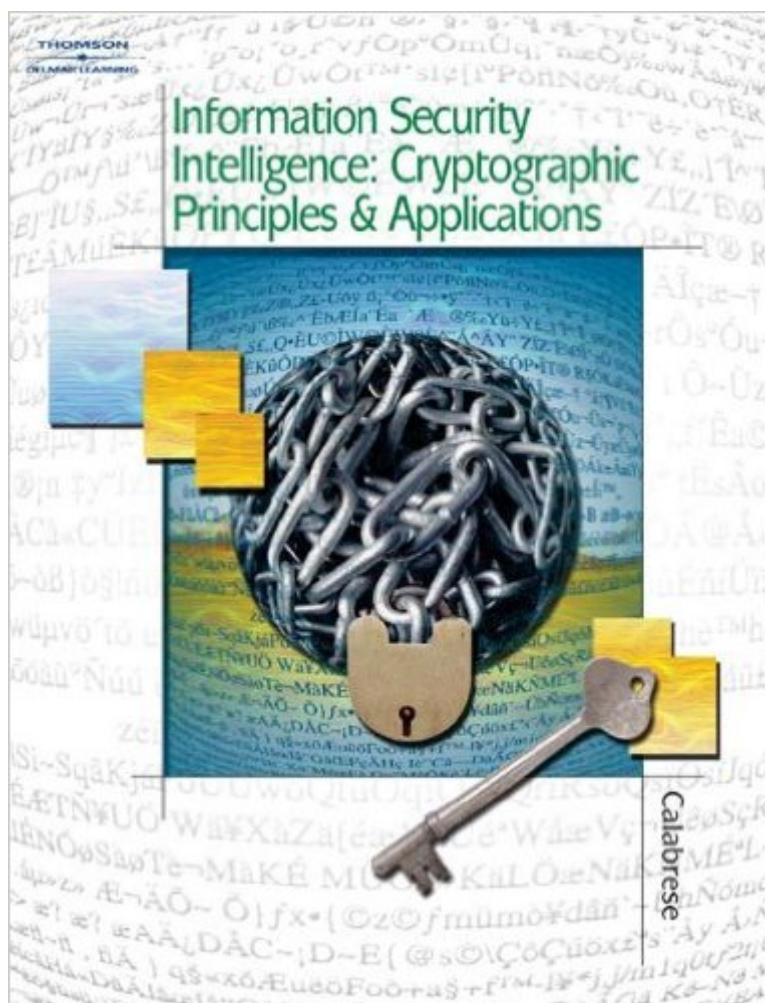


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# Information Security Intelligence: Cryptographic Principles & Applications



## Synopsis

Safeguarding the confidentiality, authenticity, integrity, and non-repudiation of information is paramount to organizational stability and success. This new book provides an understanding of information security, potential threats to our information, and effective countermeasures to proactively combat those threats. A comprehensive review of cryptographic techniques is explained in simple mathematical terms. The text covers symmetrical and asymmetrical encryption, digital signatures, Kerberos, code signing, creation/deployment of strong keys and passwords, Virtual Private Networks, SET, SSL, SSH, IPSec, and authentication techniques. A detailed examination of Tiny Encryption Algorithm (TEA) exposes readers to the inner workings of encryption. CD-ROM experiments help solidify the learning experience. Emphasis throughout is on the application of the cryptographic methods and support structures needed to effectively apply the principles to create a secure business setting.

## Book Information

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## Customer Reviews

Very interesting but very basic.

good quality book

Nice

This book is the most interesting text books that I have had to read for school. I enjoyed reading this book. This is one that I will always keep on me as a reference. Calabrese had written this book as if it was a note book for you to review. It is very easy to understand. I am one that can't stay focused while reading and this book had me focused the whole time and not once did I have to reread a part over. There is a CD that is included with the book. The CD is outstanding; it makes you feel like you are talking to Calabrese himself. He goes into great detail explaining the information to you on common questions. There is also a part for test taking questions for each chapter. After answering the question it goes into detail on the answer for more of an explanation on why that is the answer to the question. I would recommend this book to anyone that is looking for a book to read on Information Security and also as a text book for school.

This book is flooded with information on Information Security. Calabrese has collaborated an enormous amount of information, and has organized it in a complete and understandable manner. This is NOT another boring book filled with confusing and unclear information. Reading this book makes you feel like you are conversed with Calabrese himself. The chapter tests will help you gauge your knowledge on the information you just learned. Believe it or not but on the CD included with this book has video sessions with Calabrese himself, explaining the complicated parts of the book. It feels like you are right in his classroom. Make sure you navigate the CD, it is a great tool. Cryptography and information encryption seemed too hard for me to master, but with this book I am well on my way.

"Information Security Intelligence" by Thomas Calabrese is a very easy read for the non-information security professional reader. Although, very detailed and analytical when working through the cryptography algorithms, the first and third sections are very readable and provide a thorough understanding of how organizations can protect their most important asset!! I would highly recommend this "how-to-book" to any IT professional tasked with protecting their business' information.

Mr. Calabrese has written a wonderful book. Complete with examples and in an easy to understand format. The mathematical principles behind cryptography were a lot easier to understand than other books I have read on the subject. The CD is very helpful and the personal touch where you can see and hear Mr. Calabrese answers questions was very helpful. If you are interested in information security or cryptography this book is a must have.

This is a very good book on this subject. The author did a great job covering all the areas of information security. The labs are very informational and fun and does address the aspects needed to secure information. Professor Calabrese did a good job explaining all the cryptographic methods. The CD is a good study tool for students. I recommend this book to anyone who is interested in this area of technology

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