

CISSP Prep Course

CISSP and (ISC)² Overview



(ISC)² History

- ❑ International Information Systems Security Certification Consortium
- ❑ Established in 1989
- ❑ Establish the CBK (Common Body of Knowledge) also called the domains of security
- ❑ In 2004 CISSP was ISO 17024 certified



Certifications

CISSP – Certified Information Systems Security Professional
(Level: Advanced)

SSCP – Systems Security Certified Practitioner (Level: Intermediate)

CAP - Certification and Accreditation Professional (Level: Intermediate)

Associate of (ISC)2

Concentrations:

ISSEP: Information Systems Security Engineering Professional,

ISSAP: Information Systems Security Architecture Professional, and

ISSMP: Information Systems Security Management Professional



CISSP Domains (CBK)

- ❑ Access Control Systems and Methodology
- ❑ Telecommunications and Network Security
- ❑ Security Management Practices
- ❑ Applications and System Development Security
- ❑ Cryptography
- ❑ Operations Security
- ❑ Business Continuity Planning
- ❑ Law, Investigations and Ethics
- ❑ Physical Security
- ❑ Security Architecture



Exam

- ❑ Fee \$599
- ❑ Early registration fee \$499
- ❑ 250 Multiple choice questions
- ❑ 25 are beta question
- ❑ 6 hours to complete the exam
- ❑ Pass with a 700 or higher score
- ❑ Scantron test forms
- ❑ Pencils & dictionary
- ❑ You can bring water, aspirin, food.



Exam Descriptions

- “Inch deep and a mile wide”
- “Don’t get yourself wound around the axle of think you need to know everything about everything, like elliptic curves or derivation of the factors of the product of large prime numbers. Just learn the words and be able to associate them with concepts, like (in this case) keystream generation. As you look over the sample exam questions, you’ll see what we’re getting at.” – Michael Arant, CISSP



Applicant Requirements

- ❑ Subscribe to the (ISC)² Code of Ethics
- ❑ 4 years direct full-time security professional work or
- ❑ 3 years plus college degree or
- ❑ 2 years plus a Bachelor's Degree and a Master's Degree in Information Security
- ❑ Recertification every 3 years with 120 CPE
- ❑ Annual maintenance fee \$85
- ❑ CISSP Endorsement
- ❑ (ISC)² Associate program



(ISC)² Code of Ethics

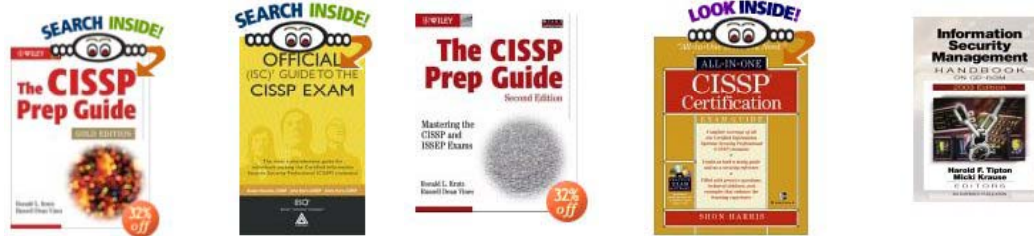
Code of Ethics Preamble:

- ❑ Safety of the commonwealth, duty to our principals, and to each other requires that we adhere, and be seen to adhere, to the highest ethical standards of behavior.
- ❑ Therefore, strict adherence to this code is a condition of certification.

Code of Ethics Canons:

- ❑ Protect society, the commonwealth, and the infrastructure.
- ❑ Act honorably, honestly, justly, responsibly, and legally.
- ❑ Provide diligent and competent service to principals.
- ❑ Advance and protect the profession.

Textbooks



- ❑ Official (ISC)² Guide to the CISSP Exam, by Susan Hansche, John Berti and Chris Hare, (ISC)² Press – AuerBach Publications, 2004, ISBN 0-8493-1707-X
- ❑ All in One CISSP Certification Exam Guide, by Shon Harris, McGrawHill – Osborne Press, 2002, ISBN 0-07-219353-0
- ❑ The CISSP Prep Guide: Gold Edition, by Ronald L. Krutz & Russell Dean Vines, Wiley Press, 2002, ISBN 047126802X
- ❑ The CISSP Prep Guide: Mastering the CISSP and ISSEP Exams, Second Edition, by Ronald L. Krutz & Russell Dean Vines, Wiley Press, 2004, ISBN 076455915X
- ❑ Information Security Management Handbook CD-ROM 2005 Edition, by various Authors, AuerBach Publications, 2005, ISBN 0849339472



Preparing for the exam

- ❑ Read more than one CISSP exam prep book
- ❑ Attend training
- ❑ Submerge yourself in information security
- ❑ Take practice exams
- ❑ Study weak areas
- ❑ Know your learning style
- ❑ Know the security principles
- ❑ Know the definitions (Language of the discipline)



Websites

Sites for CISSP

(ISC)² <http://www.isc2.org/>

CISSP.com <http://www.CISSP.com>

CISSP OSG <http://www.CCCURE.org>

CISSP World

Security Docs <http://www.securitydocs.com/Certifications/CISSP>



Professional Organizations

- ❑ (ISC)2 <https://www.isc2.org>
- ❑ ISSA <http://www.issa.org>
- ❑ ASIS <http://www.asisonline.org>
- ❑ SANS <http://www.sans.org>
- ❑ ISACA <http://www.isaca.org/>
- ❑ Computer Security Institute <http://www.gocsi.com/>
- ❑ AMA <http://www.amanet.org> (For Managers)
- ❑ InfraGard (FBI) <http://www.infragard.net>
- ❑ Women in Technology <http://www.witi.com/>
- ❑ Secure Business Quarterly <http://www.s bq.com/>
- ❑ Many, many more...



Action Items

- Order your books
- Look into practice exams
 - Some books come with sample exams.
- Download the CISSP study guide form (ISC)²
- Check out the study sites
- Join or start a study group



One last thing.....

- ❑ Disclaimer – I talk about vendors for the purpose of example only.
- ❑ This is a vendor neutral class.
- ❑ Don't take that as an endorsement or disparagement of that vendor.