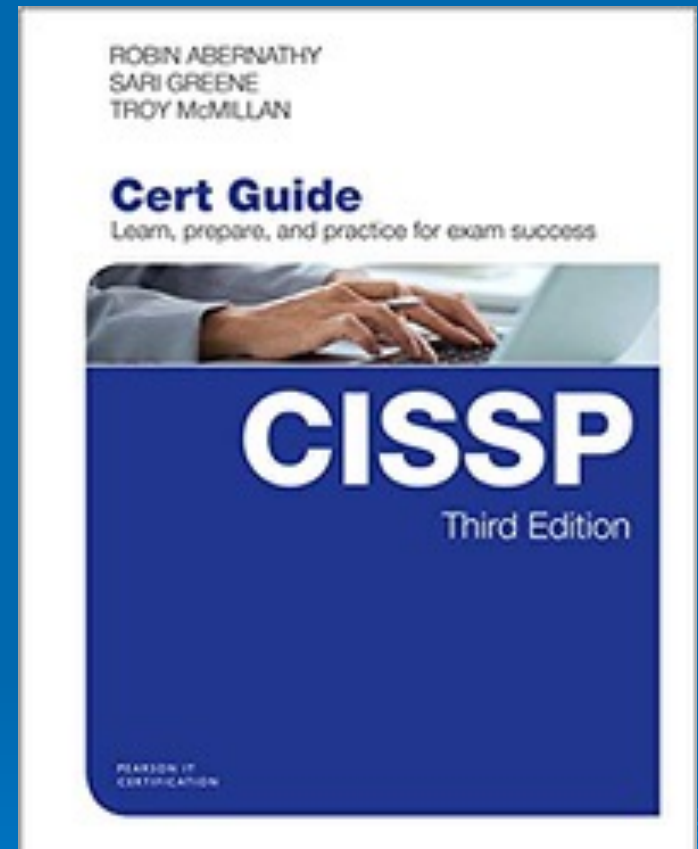


CISSP Prep

Introduction to the
Class & CISSP
Certification



Updated 1-24-2022

Activities in This Class

- Review security terms and concepts as preparation for the CISSP exam
- Student Presentations and Papers

Main Class Website



Browser address bar: samsclass.info/125/125_S22.shtml

CNIT 125: Information Security Professional (CISSP Preparation)

Spring 2022 Sam Bowne

Mon 6-9 PM CRN 33191

[Schedule](#) · [Slides](#) · [Links](#) · [Grading](#)

Use Twitch

To attend class:
<https://twitch.tv/sambowne>

The old zoom link was
<https://zoom.us/j/4108472927>
Password: student1

➤ samsclass.info

Certifications



Certified Information Systems Security Professional (CISSP)



- The first and primary certification in information security (Link CISSP 1)

Benefits of CISSP Certification

- CISSP certification is essential for many high-paying jobs (link [CISSP 22](#))

2017 CISSP Mean Salary By City

City	Salary Data
Washington, District of Columbia	\$110,142.00
New York, New York	\$119,840.00
Atlanta, Georgia	\$96,372.00
Chicago, Illinois	\$101,687.00
San Diego, California	\$102,421.00
Dallas, Texas	\$102,439.00
Boston, Massachusetts	\$103,520.00

Benefits of CISSP Certification

- Required for government information assurance employees (Link CISSP 4)
- CISSP certification is not only an objective measure of excellence, but a **globally recognized** standard of achievement (Link CISSP 2)

Requirements for CISSP Certification

- Five years of experience in information security
- The exam costs \$749 + \$125 (as of Jan 2022)
- There are 100-150 questions in an "Adaptive Testing" format
- Exam duration: three hours
- Questions are mostly multiple-choice
 - Some are drag-and-drop or hotspot
- Subscribe to the **(ISC)² Code of Ethics**

Associate of (ISC)² Certification

- No experience required (link CISSP 7)
- Shows that you passed the exam, and that you are serious about a career in Information Security
- Subscribe to the **(ISC)² Code of Ethics**

SSCP - Systems Security Certified Practitioner

- Only one year of experience required (link CISSP 8)
- Test is 3 hours, 125 questions
- Exam fee: \$249 + \$125 (link CISSP 23)

(ISC)² CERTIFICATIONS



CISSP
LEADERSHIP & OPERATIONS



SSCP
SECURITY ADMINISTRATION



CCSP
CLOUD SECURITY



CAP
AUTHORIZATION



CSSLP
SOFTWARE SECURITY



HCISPP
HEALTHCARE



ISSAP
ISSEP
ISSMP

CISSP Concentrations
ARCHITECTURE, ENGINEERING, AND
MANAGEMENT CONCENTRATIONS



Associate of (ISC)²
NOT ENOUGH EXPERIENCE? START
ON A PATHWAY TO CERTIFICATION

CompTIA CASP+



- Heavily promoted in academic circles
- Dubious real-world value, like most other CompTIA certifications (link CISSP 27)

COMPTIA CASP vs. CISSP

CERTIFICATION	SEARCH STRING	RESULTS FOUND ON: <u>SimplyHired</u>	Indeed	LinkedIn	<u>LinkUp</u>	TOTAL
(ISC) ² CISSP	<u>CISSP</u>	9,882	13,126	17,582	6,900	47,490
CompTIA CASP	<u>CASP</u> , <u>CompTIA CASP</u>	1,166	1,547	1,952	592	5,257

CompTIA Certifications



CompTIA IT Fundamentals

CORE



CompTIA A+

CORE



CompTIA Network+

CORE



CompTIA Security+

CORE



CompTIA Cloud+

INFRASTRUCTURE



CompTIA Linux+

INFRASTRUCTURE



CompTIA Server+

INFRASTRUCTURE



CompTIA CySA+

CYBERSECURITY

CompTIA Certifications



CASP+

CYBERSECURITY



CompTIA PenTest+

CYBERSECURITY



CompTIA Project+

ADDITIONAL PROFESSIONAL



CompTIA CTT+

ADDITIONAL PROFESSIONAL



CompTIA Cloud Essentials

ADDITIONAL PROFESSIONAL

Code of Ethics



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.
 - See link [CISSP 6](#)

How to Prepare for the Exam



This Class is Not Enough

- Always go through the whole material from two different sources before taking the exam
- I recommend a class like this, followed by the CyberVista practice exam
- "How I Prepared for the CISSP Exam"
 - [Link CISSP 16](#)

Strange CISSP Questions

- It's a *management* exam, not a technical exam
- Questions are vague and confusing
- Choose the best answer, even when none of them are 100% correct

7 Types of Hard CISSP Exam Questions and How To Approach Them

➤ [Link CISSP 15](#)

Writing the CISSP Exam



➤ [Link CISSP 24](#)

Class Discussion

- When do you plan to take the CISSP exam?
- Obtaining practice exams

CyberVista Practice Exam



\$149.00

Certified Information Systems Security Professional (CISSP) | Practice Test

Candidates for the Certified Information Systems Security Professional test possess deep technical and managerial competence skills, experience, and credibility to build and maintain security programs to protect organizations from attacks. For the CISSP certification, a candidate must have a minimum of five years of full-time professional security work

- Link CISSP 26
- (links are at https://samsclass.info/125/125_links.shtml)