

# SSCP — Systems Security Certified Practitioner Preparation Training

Delivered from Hacky Security's own curriculum, by instructors who also work our security operations centre. Classroom, online live, or at your office.

INTERMEDIATE

32 HOURS

4 DAYS

## At a glance

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| COURSE     | SSCP — Systems Security Certified Practitioner   | <b>WHAT IS INCLUDED</b> <ul style="list-style-type: none"><li>✓ Instructor-led delivery by practitioners who also work our SOC</li><li>✓ Hands-on lab access for the duration of the course</li><li>✓ Course materials and lab guides</li><li>✓ Hacky Security certificate of completion</li><li>✓ Post-course support by email</li></ul> |
| TRACK      | ISC2                                             |                                                                                                                                                                                                                                                                                                                                           |
| DOMAIN     | Cyber Security                                   |                                                                                                                                                                                                                                                                                                                                           |
| LEVEL      | Intermediate                                     |                                                                                                                                                                                                                                                                                                                                           |
| DURATION   | 32 hours (about 4 days)                          |                                                                                                                                                                                                                                                                                                                                           |
| DELIVERY   | Classroom · Online live · On-site at your office |                                                                                                                                                                                                                                                                                                                                           |
| LANGUAGE   | English                                          |                                                                                                                                                                                                                                                                                                                                           |
| CLASS SIZE | Small cohorts — everyone gets lab time           |                                                                                                                                                                                                                                                                                                                                           |

## Who this is for

This is an intermediate course. It suits people already working in or moving into Cyber Security who want structured, hands-on preparation rather than a video library. If you are unsure whether the level fits your team, send us the job titles and we will tell you honestly — including if a different course would serve you better.

## Course outline

### About this course map

SSCP — Systems Security Certified Practitioner — is ISC2's certification for the people who run security day to day rather than set its strategy. If CISSP is for the person who decides which controls the organisation needs, SSCP is for the person who implements, monitors and operates them. It is aimed at security administrators, analysts, engineers and network professionals who are hands-on with the controls that keep an organisation running safely.

The value of SSCP is that it is genuinely operational. Its seven domains map to the actual responsibilities of a working security practitioner, and the exam tests whether you can apply them, not just define them. It is often the certification people take on the way to CISSP, once they have the operational experience but not yet the management scope.

This preparation programme follows the seven SSCP domains, each grounded in the daily work it describes.

## **Domain 01 – Security operations and administration**

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The core daily discipline of keeping controls running.

- Codes of conduct and the ethics of the practitioner role
- Security concepts and the CIA triad in operational practice
- Documenting and maintaining security controls
- Asset management and the security implications of change
- Security awareness and the practitioner's part in it

## **Domain 02 – Access controls**

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Deciding who gets to do what, and enforcing it.

- Authentication: something you know, have, and are
- Single sign-on, federation and identity management
- The access-control models: discretionary, mandatory, role-based, attribute-based
- Managing the identity lifecycle from provisioning to revocation

## **Domain 03 – Risk identification, monitoring and analysis**

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Seeing risk and the signs of trouble.

- The risk-management process in operational terms
- Security monitoring: what to watch and why
- Analysing the data monitoring produces
- Vulnerability assessment and management as routine work

## **Domain 04 – Incident response and recovery**

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What the practitioner does when something goes wrong.

- The incident-response lifecycle: preparation to lessons learned
- Handling and escalating an incident correctly
- Digital forensics fundamentals and evidence handling
- Business continuity and disaster recovery in practice

## **Domain 05 – Cryptography**

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Applying cryptography correctly, which is where most of its failures come from.

- Symmetric and asymmetric cryptography and their uses
- Hashing, digital signatures and integrity
- Public key infrastructure and certificate management
- Secure protocols, and the common ways cryptography is misused

## Domain 06 — Network and communications security

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Securing the network the practitioner operates.

- Network architecture and the security of each layer
- Firewalls, segmentation and access control on the network
- Securing wireless and remote access
- Detecting and preventing network-based attacks

## Domain 07 — Systems and application security

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Securing the endpoints and applications that run the business.

- Malware: how it works and how it is countered
- Endpoint protection and hardening
- Securing virtualised and cloud workloads
- Application and data security in operation

### Sitting the official exam

Exam voucher sold separately. We buy it from the certification body on your behalf and send you the code — you book your own exam date. This course is Hacky Security's own preparation training. The certification itself is awarded by the certification body, not by us.

## Investment

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Priced per cohort. Tell us how many people and which delivery mode and we will send a quote the same working day.

## Book this course

Tell us how many people, where, and when — we will come back with dates and a quote within one working day.

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<https://hackysecurity.com/courses/sscp/>

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