

GSEC Exam Prep: GIAC Security Essentials Training Course

28 December 2026 – 1 January 2027
London

AGILE LEADERS
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Build and defend a small enterprise environment

A one-week workshop for system administrators, junior security analysts, and IT staff. Participants work through a fictional organization's security backlog, starting with a network diagram and ending with an incident briefing. Exercises use training data and isolated systems. Familiarity with TCP/IP and a command line is helpful. This independent course is delivered by Agile Leaders Training Center. Any GSEC study discussion uses public information and original exercises. No exam questions or third-party course materials are included.

Skills you will practice

- Map trust boundaries and explain which controls reduce a given risk.
- Harden an endpoint and show that legitimate access still works.
- Choose where encryption and key management reduce exposure.
- Use logs and scan results to prioritize remediation and document an incident.

Workshop at a glance

1. Map the office network. Identify exposed services from a sample inventory, then sketch two segmentation options and explain their tradeoffs.
2. Secure employee and service accounts. Configure least privilege on Windows and Linux lab hosts, test allowed and denied actions, and document rollback steps.
3. Protect traffic and stored data. Inspect a TLS connection, diagnose a sample certificate failure, and design a rotation plan for credentials and encryption keys.
4. Build useful monitoring. Correlate endpoint and network events, triage vulnerability findings, and compare cloud identity and storage permissions against the lab's policy.
5. Investigate a simulated account compromise. Build a timeline, recommend containment, present evidence and uncertainty, and turn missed concepts into a personal study plan.