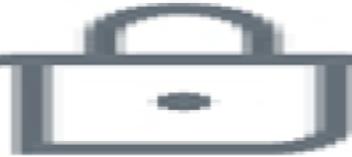


CompTIA

Security+



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Certificate in CompTIA
Security+

Become a job-ready CompTIA S+ in 8 weeks!



Benefits of Studying with RolaSoft

✓ Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of CompTIA Security+.

✓ Hands-On Training

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ Experienced Instructors

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying with RolaSoft

✓ Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Certificate in CompTIA Security+ Course Details



Duration

Twelve (12) Weeks



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

Certificate in CompTIA Security+ Course Curriculum

Week 1: Introduction to Security+ & Cybersecurity Fundamentals

- ✓ Overview of Security+ certification and career paths
- ✓ Understanding the CIA Triad (Confidentiality, Integrity, Availability)
- ✓ Common security controls and best practices
- ✓ Security governance, risk management, and compliance

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Week 2: Threats, Vulnerabilities, and Malware

- ✓ Understanding cyber threats (phishing, social engineering, insider threats)
- ✓ Common attack vectors (malware, ransomware, trojans, rootkits)
- ✓ Analyzing vulnerabilities (Zero-Day, software exploits, misconfigurations)
- ✓ Security assessment techniques (vulnerability scanning, penetration testing)

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Week 3: Network Security & Securing Devices

- ✓ Securing network devices (routers, switches, firewalls)
- ✓ Network attacks (DoS, MITM, ARP poisoning, DNS attacks)
- ✓ Implementing secure network protocols (TLS, HTTPS, SSH)
- ✓ Wireless security (WPA2/WPA3, secure Wi-Fi configuration)

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Week 4: Identity & Access Management (IAM)

- ✓ Authentication models (Single Sign-On, Multi-Factor Authentication)
- ✓ Identity management (LDAP, Kerberos, RADIUS, TACACS+)
- ✓ Access control models (RBAC, DAC, MAC, ABAC)
- ✓ Implementing least privilege and privilege escalation prevention

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Week 5: Cryptography & Public Key Infrastructure (PKI)

- ✓ Understanding encryption types (symmetric vs. asymmetric)
- ✓ Cryptographic algorithms (AES, RSA, ECC, SHA, MD5)
- ✓ Hashing and digital signatures
- ✓ Implementing PKI and certificate management

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Week 6: Security Operations & Incident Response

- ✓ Security operations center (SOC) roles and responsibilities
- ✓ Security event logging and monitoring (SIEM, syslog, IDS/IPS)
- ✓ Incident response lifecycle (detection, containment, eradication, recovery)
- ✓ Digital forensics fundamentals and evidence collection

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Week 7: Endpoint Security & Secure Software Development

- ✓ Hardening workstations, servers, and mobile devices
- ✓ Secure coding practices and OWASP Top 10 vulnerabilities
- ✓ Software testing techniques (fuzzing, static analysis, dynamic analysis)
- ✓ Understanding secure DevOps (DevSecOps, CI/CD security)

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Week 8: Cloud Security & Virtualization

- ✓ Cloud security risks and best practices (IaaS, PaaS, SaaS)
- ✓ Implementing security controls in cloud environments
- ✓ Virtualization security (containers, VM isolation, snapshots)
- ✓ Securing cloud data and access controls

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Week 9: Risk Management & Disaster Recovery

- ✓ Risk analysis and mitigation strategies
- ✓ Business continuity and disaster recovery planning (BCDR)
- ✓ Backup types and best practices (full, incremental, differential)
- ✓ Implementing security frameworks (NIST, ISO 27001, GDPR, HIPAA)

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Week 10: Security Policies, Governance & Compliance

- ✓ Understanding security policies (acceptable use, incident response, change management)
- ✓ Legal and regulatory compliance requirements
- ✓ Data classification and handling (DLP, data masking)
- ✓ Security awareness training and social engineering prevention

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Week 11 & 12: Security+ Exam Practice & Troubleshooting Scenarios

- ✓ Hands-on labs and cybersecurity simulations
- ✓ Analyzing security reports and responding to threats
- ✓ Ethical hacking fundamentals and penetration testing basics

Final Capstone Project (End of 8 Weeks)

Students will complete a project and examination:

- Real-world cybersecurity case studies (Capstone Project)

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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Enroll Today & Start Your CompTIA Security+ Journey!
Shape your future with CompTIA Security+.