



STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
SIWES



**ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST**

SIWES Diploma in CompTIA Security+

*Become a job-ready CompTIA Security+ in 3-6
months!*

Benefits of Studying with RolaSoft

✓ 1. Industry-Relevant Curriculum

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

✓ 2. Hands-On Training

Learn by doing — build real-time projects, full-scale CompTIA Security+.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior certified ethical hacker with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

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

Benefits of Studying with RolaSoft

✓ 6. Mini & Major Projects

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

✓ 7. Certification Upon Completion

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

✓ 8. Small Batch Size

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

✓ 9. Affordable Fees & Installment Plans

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

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

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

SIWES Overview

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SIWES (Student Industrial Work Experience Scheme) is a structured industrial training program designed for students in Nigerian tertiary institutions studying science, engineering, technology, and other professional courses. It is coordinated by the **Industrial Training Fund (ITF)** and serves as a bridge between academic knowledge and practical industry experience.

Typically conducted for a duration of **3–6 months**, SIWES places students in real work environments related to their field of study. During this period, they apply classroom theory to practical tasks and gain firsthand understanding of workplace expectations and professional practices.

Advantages of SIWES to Students

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Hands-On Experience: Provides real-world exposure and practical knowledge in the student's field.

Bridging the Skills Gap: Helps students connect academic theories with industry practices.

Career Readiness: Prepares students for post-graduate employment by developing technical and soft skills.

Professional Networking: Offers opportunities to build relationships with industry professionals.

Improved Employability: Enhances resumes/CVs with relevant work experience that employers value.

Understanding of Workplace Culture: Teaches students workplace ethics, teamwork, and communication.

Opportunity for Future Placement: Sometimes leads to job offers or future internships with the same organization.

SIWES CompTIA Security+ Course Details

- ✓ **Duration**
Three-Six (3-6) Months
- ✓ **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

SIWES CompTIA Security+ – Program Details

Program Overview

The **CompTIA Security+** course is a globally recognized certification program that validates foundational skills in **IT security**, including risk management, threat analysis, incident response, cryptography, and network security.

It prepares students to identify and mitigate cyber threats, secure networks, and apply cybersecurity best practices across organizations.

SIWES CompTIA Security+ - Target Audience & Prerequisites

Target Audience:

- ✓ Entry-level IT professionals, cybersecurity students, and graduates seeking certification, especially for SIWES or internships students.

Prerequisites:

- ✓ Basic knowledge of networking (CompTIA Network+ recommended) and computer systems.

SIWES CompTIA Security+ Course Curriculum

Module 1: Security Fundamentals

- ✓ Security concepts and terminology
- ✓ CIA Triad: Confidentiality, Integrity, Availability
- ✓ Security controls (technical, administrative, physical)
- ✓ Common attack types and threat actors

SIWES CompTIA Security+ Course Curriculum

Module 2: Threats, Vulnerabilities & Attacks

- ✓ Malware (viruses, trojans, ransomware)
- ✓ Social engineering techniques
- ✓ Network attacks (MITM, DDoS, spoofing)
- ✓ Vulnerability management and threat intelligence

SIWES CompTIA Security+ Course Curriculum

Module 3: Identity & Access Management (IAM)

- ✓ Authentication and authorization
- ✓ Multifactor authentication (MFA)
- ✓ Identity federation and SSO
- ✓ Privilege escalation and account management

SIWES CompTIA Security+ Course Curriculum

Module 4: Architecture & Design

- ✓ Secure network design
- ✓ Security zones and segmentation
- ✓ Cloud security models (IaaS, SaaS, PaaS)
- ✓ Virtualization, containers, and secure baseline configurations

SIWES CompTIA Security+ Course Curriculum

Module 5: Implementation of Security Solutions

- ✓ Network security devices (firewalls, IDS/IPS, proxies)
- ✓ Wireless security (WPA3, EAP, RADIUS)
- ✓ Host security (antivirus, patch management, hardening)
- ✓ Secure protocols (HTTPS, SSH, SNMPv3)

SIWES CompTIA Security+ Course Curriculum

Module 6: Cryptography & PKI

- ✓ Hashing, encryption (symmetric/asymmetric)
- ✓ Digital signatures and certificates
- ✓ Public Key Infrastructure (PKI)
- ✓ Certificate authorities and revocation

SIWES CompTIA Security+ Course Curriculum

Module 7: Security Operations & Incident Response

- ✓ Incident response process and plans
- ✓ Detection and monitoring (SIEM, logs, alerts)
- ✓ Digital forensics basics
- ✓ Business continuity and disaster recovery (BCDR)

SIWES CompTIA Security+ Course Curriculum

Module 8: Governance, Risk & Compliance

- ✓ Risk analysis and mitigation
- ✓ Security policies and procedures
- ✓ Regulatory frameworks (GDPR, HIPAA, PCI-DSS)
- ✓ Security audits and assessment

SIWES Final Capstone Project (End of 3-6 Months)

Students will complete an **industry-level project**:

- ✓ Troubleshooting and hands-on labs

SIWES CompTIA Security+ - Certification Obtain

After completion of the program, the student will be awarded with a certificate:

SIWES Diploma in CompTIA Security+

SIWES CompTIA Security+ - Roles After Completion

Graduates of this course can pursue the following roles:

- ✓ **Security Analyst (SOC Analyst):** Monitors and investigates security incidents.
- ✓ **Information Security Technician:** Implements and maintains basic security measures.
- ✓ **IT Security Administrator:** Manages user access, updates systems, and enforces policies.
- ✓ **Security Consultant (Junior):** Provides security recommendations to small teams or startups.
- ✓ **Network Administrator (Security-Focused):** Maintains secure networks and systems.
- ✓ **Help Desk Technician (Security Path):** Handles access control and user security requests.
- ✓ **Systems Administrator (Entry-Level):** Supports secure system configurations and patching.

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 SIWES CompTIA Security+