



STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME
SIWES

ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

**SIWES Diploma in CompTIA A+
Hardware**

*Become a job-ready CompTIA A+ 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 applications of CompTIA A+ Hardware.

✓ 2. Hands-On Training

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

✓ 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 A+ Hardware 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 A+ Hardware – Program Details

Program Overview

The **CompTIA A+** certification is an entry-level, vendor-neutral certification that covers the **foundational skills required to support and troubleshoot hardware, software, and networking systems**. This course equips students with practical knowledge in **device configuration, operating systems, networking basics, mobile devices, security, and troubleshooting**.

It aligns with the latest A+ Core 1 (220-1101) and Core 2 (220-1102) exams.

SIWES CompTIA A+ Hardware - Target Audience & Prerequisites

Target Audience:

- ✓ Aspiring IT support professionals, students of Computer Science, and Information Technology beginners, especially for SIWES or internships students.

Prerequisites:

- ✓ None officially required, but basic computer literacy is recommended.

SIWES CompTIA A+ Hardware Course Curriculum

Module 1: Hardware

- ✓ PC components and their functions
- ✓ Motherboards, CPUs, RAM, storage devices
- ✓ Power supplies and expansion cards
- ✓ Peripheral devices (printers, scanners, displays)
- ✓ Hardware installation and configuration

SIWES CompTIA A+ Hardware Course Curriculum

Module 2: Networking

- ✓ Types of networks: LAN, WAN, PAN
- ✓ Networking hardware (routers, switches, access points)
- ✓ TCP/IP, DNS, DHCP
- ✓ Wi-Fi standards and troubleshooting
- ✓ Cables and connectors (UTP, coaxial, fiber)

SIWES CompTIA A+ Hardware Course Curriculum

Module 3: Mobile Devices

- ✓ Laptops, tablets, smartphones hardware
- ✓ Mobile OS features (iOS, Android)
- ✓ Synchronization, device configuration, and management
- ✓ Mobile device security

SIWES CompTIA A+ Hardware Course Curriculum

Module 4: Operating Systems

- ✓ Installing and configuring Windows, Linux, macOS
- ✓ Command line tools
- ✓ System utilities and administrative tools
- ✓ File systems and partitions
- ✓ Operating system troubleshooting

SIWES CompTIA A+ Hardware Course Curriculum

Module 5: Security Fundamentals

- ✓ Physical and logical security concepts
- ✓ Malware types and removal
- ✓ Access control and authentication
- ✓ Secure browsing and user education
- ✓ Firewalls and antivirus configuration

SIWES CompTIA A+ Hardware Course Curriculum

Module 6: Software Troubleshooting

- ✓ Diagnosing OS, application, and device issues
- ✓ System crashes, slow performance, boot issues
- ✓ Blue Screen of Death (BSOD) and event logs
- ✓ Recovery tools and safe mode operations

SIWES CompTIA A+ Hardware Course Curriculum

Module 7: Operational Procedures

- ✓ Best practices for safety and documentation
- ✓ Change management, ticketing systems
- ✓ Environmental impacts and ESD precautions
- ✓ Customer service and communication skills

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

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

- ☒ Hands-on assembly, installation, and maintenance.

SIWES CompTIA A+ Hardware - Certification Obtain

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

SIWES Diploma in CompTIA A+ Hardware

SIWES CompTIA A+ Hardware - Roles After Completion

Graduates of this course can pursue the following roles:

- ✓ **IT Support Specialist:** Provides hardware/software troubleshooting and support.
- ✓ **Help Desk Technician:** Resolves end-user issues via ticketing or direct communication.
- ✓ **Desktop Support Technician:** Maintains and repairs desktop computers and peripheral devices.
- ✓ **Field Service Technician:** Installs and fixes IT equipment at customer sites.
- ✓ **Technical Support Specialist:** Offers software, hardware, and network support to users.
- ✓ **IT Operations Technician:** Assists with system maintenance, monitoring, and routine IT tasks.
- ✓ **Service Desk Analyst:** Responds to technical issues in enterprise helpdesk environments.

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 SIWES CompTIA A+ Hardware Journey!**

Shape your future with SIWES CompTIA A+ Hardware