

# Diploma in ICT

General Course

Intermediate Level

Duration	Program Cost	Start Date	End Date	Cohort	Participants	Class Days	Class Time
3 MONTH	<del>₦150,000</del> <b>₦75,000</b> (50% off)	Apr 12, 2026	Jul 26, 2026	2026	50	MON - FRI	9 AM - 12 AM

## PROGRAM OVERVIEW

This Diploma in ICT offers a comprehensive foundation in modern computing, covering essential productivity tools and advancing into specialized technical areas. The program includes detailed modules with clear descriptions and learning outcomes, equipping students with practical skills and knowledge to thrive in today's technology-driven environment.

## KEY LEARNING OUTCOMES

- The learning outcomes for this Diploma in ICT are structured to ensure that graduates possess a mix of technical execution analytical thinking and security awareness. Upon successful completion of the full diploma program students will be able to:
- 1. Introduction to Data Science Data Literacy: Interpret and explain the lifecycle of data from raw collection to business decision-making. Statistical Analysis: Apply descriptive and inferential statistics to identify trends and patterns in large datasets. Technical Proficiency: Write clean efficient code in Python or R to manipulate and clean "dirty" data. Visual Storytelling: Translate complex numerical findings into high-impact visual dashboards using tools like Tableau or Power BI. Predictive Awareness: Identify opportunities where Machine Learning can be applied to solve organizational challenges.
- 2. Web Development Core Architecture: Build and structure modern web pages using semantic HTML5 and advanced CSS3 (Flexbox/Grid). Responsive Design: Develop websites that function seamlessly across mobile tablet and desktop devices using a "mobile-first" approach. Interactivity: Program client-side logic using JavaScript to create dynamic user experiences. Workflow Management: Demonstrate proficiency in version control using Git and GitHub for collaborative development. Deployment: Successfully launch and maintain a live web application on professional hosting platforms.
- 3. Office Suite I & II Professional Documentation: Produce complex corporate documents including automated tables of contents mail merges and collaborative tracking. Advanced Data Modeling: Build sophisticated spreadsheets using XLOOKUP Pivot Tables and Data Validation to manage business finances or inventories. Process Automation: Create Macros and simple scripts to automate repetitive administrative tasks increasing workplace efficiency. Database Management: Design and query relational databases to store retrieve and report on organizational information. Persuasive Communication: Design and deliver multimedia-rich presentations tailored to executive-level audiences.
- 4. Cyber Security Threat Identification: Recognize and categorize modern digital threats including ransomware phishing and social engineering. Defensive Implementation: Configure and manage essential security layers such as Firewalls VPNs and Multi-Factor Authentication (MFA). The CIA Triad: Apply the principles of Confidentiality Integrity and Availability to evaluate the security posture of any IT system. Data Protection: Implement encryption standards to protect sensitive data both "at rest" and "in transit." Ethical & Legal Compliance: Navigate the ethical boundaries of IT and ensure compliance with global data privacy laws (like GDPR or local equivalents). Summary: The "Job-Ready" Graduate Beyond these technical outcomes students will graduate with the Soft Skills necessary for the 2026 workforce: Critical Thinking: Evaluating which technology is the "right tool for the job." Ethical Judgment: Handling data and security with professional integrity. Adaptability: The ability to learn new software updates and digital trends independently.

## ASSIGNED INSTRUCTORS

- Abdullahi Bichi Shuaibu

## PARTNER ORGANIZATIONS

- ABDULAZIZ MUSA