



NATIONAL SKILLS QUALIFICATIONS (NSQ) IN ICT

| S/N | CODE | TITLE | DESCRIPTION | LEVEL |
|-----|---------------|---|---|--------|
| 1. | ICT/CO/L2/01 | Essential Digital Skill (Computer Operations) | This qualification aims to equip learners with the knowledge of computer operations. Ability to create, format documents, presentations, handle messaging or communication tools, and perform basic system maintenance. | L2 |
| 2. | ICT/IT/L3/01 | Information Technology | This Qualification is designed to equip the learner with the knowledge and skill to use computer hardware, software, networks and other digital devices. | L2, L3 |
| 3. | ICT/GSS/L4/01 | IT- General Service Support | This qualification is designed to equip learners with advanced ICT support skills to perform complex tasks, effective communication, standardized troubleshooting, network management, and leadership role. | L3, L4 |
| 4. | ICT/CMR/L4/01 | Computer Hardware Repair and Maintenance | The purpose of this qualification is to equip learners with advanced skills in diagnosing, troubleshooting, and repairing complex hardware systems, including laptops, servers, peripheral devices, and network hardware, while developing expertise in component-level repairs and mastering the maintenance of various computer systems | L3, L4 |



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| | | | to ensure optimal functionality and reliability. | |
| 5. | ICT/CSA/L3/01 | Cyber Security Analyst | This qualification is designed to equip learners with foundational knowledge and practical skills in cybersecurity, enabling them to identify, mitigate, and respond to cyber threats under supervision, while preparing them for further professional development in the field. | L3 |
| 6. | ICT/CSE/L5/01 | Cloud Security Engineer | The qualification is to equip individuals with advanced knowledge and technical expertise to design, implement, and manage secure cloud infrastructure, ensuring data protection, compliance, and risk mitigation in cloud environments while preparing them for leadership roles in cybersecurity operations. | L5 |
| 7. | ICT/CSEG/L5/01 | Cybersecurity Engineering | This qualification is designed to develop professionals who possess the skills, knowledge, and capabilities to secure enterprise-level systems, networks, and data. | L5 |
| 8. | ICT/DGD/L3/01 | Digital Graphic Design | This qualification equips learners with the skills needed for careers in advertising, branding, web design, and multimedia production, ensuring they are fully prepared to meet the demands of the graphic design industry. | L2 |
| 9. | ICT/UIX/L3/01 | User Interface and User Experience (UI/UX) Design | The Level 3 Certificate in UI/UX Design is designed to equip learners with knowledge | L3 |



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| | | | and skills needed to create user interface and user experience design, enabling them to create user-centered digital products and interfaces. | |
| 10. | ICT/DPM/L3/01 | Digital Product Management | This qualification is designed to equip learners with the skills and competencies to independently manage digital product development processes, ensuring the application of user-centered design, agile methodologies, and strategic thinking to deliver successful digital products. | L3 |
| 11. | ICT/DMK/L3/01 | Digital Marketing | Digital Marketing Level 3 will equip the learner with the knowledge and skills to design, execute, and oversee digital marketing strategies. | L3 |
| 12. | ICT/FWD/L3/01 | Frontend Web Development Level 3 | This qualification aims to provide learners with knowledge and skills to create visually appealing and interactive web interfaces using HTML, CSS, JavaScript, and modern frameworks. | L3 |
| 13. | ICT/BWD/L3/01 | Backend Web Development Level 3 | This Qualification is designed to equip the learner with knowledge and skills of server-side development of a web application focusing on behind-the-scenes logic, database integration and API connectivity. | L3 |
| 14. | ICT/MAD/L3/01 | Mobile Application Development | This qualification is aimed at developing competence in mobile applications development across different platforms. The focus is on generic mobile programming language training, communication skills, | L3, L4, L5 |



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| | | | personal development and workplace experience. | |
| 15. | ICT/ECD/L5/01 | E-Commerce Development | This qualification is to equip learners with skills and knowledge in developing, managing, and optimizing e-commerce applications and platforms using PHP/C# and Content Management System (CMS) | L4, L5 |
| 16. | ICT/PHP/L5/01 | Programming With PHP (Using Framework and MySQL) | This qualification aims to equip learners with knowledge and skills required to develop dynamic, scalable, and secure web applications using PHP and the Laravel framework, preparing them for technical roles in web development. | L5 |
| 17. | ICT/PJV/L3/01 | Programming with Java Level 3 | This qualification is designed to equip learners to acquire fundamental knowledge & Understanding of Java programming syntax and structure, including basic concepts of object-oriented programming (OOP). | L3, L4 |
| 18. | ICT/DBM/L3/01 | Database Management | This qualification aims to equip learners with knowledge and skills on how to design and manage database using database management systems and tools. | L3 |
| 19. | ICT/VPE/L3/01 | Video Production and Editing | This qualification aims to equip learners with skills required in editing and producing videos across different platforms. | L3 |
| 20. | ICT/CIN/L3/01 | Cinematography | The National Skills Qualification in Cinematography is designed to equip learners with the skills and knowledge in | L3 |



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| | | | applying production and post-production techniques to media production | |
| 21. | ICT/DPG/L3/01 | Digital Photography | The national skills qualification in Photography is designed to help learners further develop their photography knowledge and skills. This qualification aims to enhance students' abilities in various aspects of photography, including camera techniques, image processing, and manipulation. It prepares learners for employment in the photography sector or for further studies in related fields | L3 |
| 22. | ICT/DAP/L3/01 | Digital Automotive Diagnostics | This qualification is designed to provide learners with advanced skills and practical knowledge necessary to diagnose, troubleshoot, and repair modern vehicles using digital diagnostic tools and software. | L5 |
| 23. | ICT/CAD/L3/01 | Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) | This Qualification is designed to acquaint learners with knowledge and skills on how to use computer aided design (CAD) to create engineering drawings, parts and interface with computer aided manufacturing (CAM) processes. | L3 |
| 24. | ICT/DAM/L3/01 | Digital Animation | This qualification is designed to equip learners with the foundational skills and knowledge required to create quality digital animations | L3 |
| 25. | ICT/NCI/L2/01 | Network Cabling, Installation and Maintenance | This Qualification is designed to equip individuals with the essential technical skills, safety knowledge, and teamwork | L2 |



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| | | | abilities to perform network cabling tasks under supervision, ensuring efficient installation and basic maintenance of network infrastructures. | |
| 26. | ICT/NSS/L4/01 | Network Support Specialist | This qualification is designed to develop proficient network support specialists, capable of effectively managing, maintaining, and troubleshooting computer networks across diverse industries. | L4 |
| 27. | ICT/DRT/L3/01 | Drone Technologies | This qualification aims to equip learners with skills for effective drone operation and application across design and other professional fields | L3 |
| 28. | ICT/SAT/L4/01 | Satellite Installation & Maintenance | Trainees will be prepared to work independently or in leadership roles within the satellite installation and maintenance sector, offering high-quality services to residential, commercial, and industrial clients | L3, L4 |
| 29. | ICT/DAS/L5/01 | Data Science | The qualification is designed to provide learners with comprehensive, industry-relevant knowledge and practical skills required to excel in data science roles. | L5 |
| 30. | ICT/DAP/L3/01 | Data Analysis with Python | This qualification aims to equip learners with appropriate Data Analytical skills, focusing on designing and implementing elementary Data Analytics solutions | L3 |
| 31. | ICT/AI/L4/01 | Artificial Intelligence | The Qualification aims to equip learners with appropriate AI skills, focusing on | L4 |



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| | | | designing and implementing elementary AI solutions | |
| 32. | ICT/RBT/L3/01 | Robotics | This qualification is designed to equip learners with the foundational skills and knowledge needed to design, develop, operate, maintain, and troubleshoot basic robotic systems in industrial and technological environment. | L3 |
| 33. | ICT/IOT/L3/01 | Internet of Things (IoT) Systems | This Qualification is designed to provide learners with the essential skills required to effectively design, develop, implement, manage, and secure IoT systems. | L3 |
| 34. | ICT/HAIT/L4/01 | Home Automation and IoT Technologies | This qualification is designed to equip individuals with the specialized knowledge and technical/project management skills needed to install, configure, maintain, and troubleshoot home automation and IoT systems, enabling them to work independently in residential and commercial environments with a focus on energy management, environmental monitoring, smart entertainment, and hands-free control | L3, L4 |
| 35. | ICT/DCC/L3/01 | Digital Content Creation | This qualification is designed to provide learners with knowledge and skills on digital content creation and strategies to enable them effectively create and manage online contents. | L3 |
| 36. | ICT/SMC/L3/01 | Social Media Communication | This qualification aims to equip learners with knowledge and skills on how to | L3 |



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| | | | conduct strategic online communication and engagement using social media tools and platforms. | |
| 37. | ICT/GRM/L2/01 | Mobile Phone Repairs and Maintenance | This Qualification is designed to equip trainee with knowledge and skills to carry out Mobile phone repairs and maintenance. | L1, L2 |
| 38. | CPN/DST/2401 | Certified Digital Skill Trainer | This Qualification is designed to equip digital Skill Trainers with knowledge and skills to carry out technical (TVET based) training | L4 |