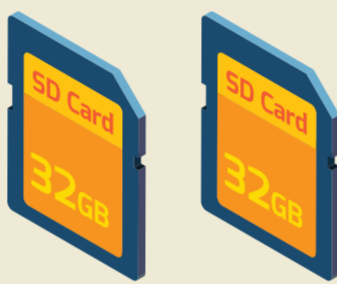# CAREER PATHWAY

INFORMATION & COMMUNICATION TECHNOLOGY SYSTEM MAINTENANCE

SKILLS TAUGHT IN ITI

- Basic electrical circuits, passive & active components, and electrical wiring
- Analog, digital, and power electronic devices and components
- Build and test electronic circuits
- Measuring instruments and equipment
- Basic operations of computer, printer, scanner, tablet, photocopier, smartphones, projectors, & video cameras
- Operating system & application software
- Access the internet using telephone lines and Wi-Fi signals

SKILLS NEEDED BY COMPANY

- Knowledge of MS Office application
- Use of computer peripherals to scan, print & copy Documents
- Capture photographs or video footage
- Assemble, install, troubleshoot, and maintain electronics and communication system related equipments
- Knowledge of networking
- Knowledge of internet services, browsing, and managing social media accounts

CAREER PATHS FOR THIS TRADE

ENTRY LEVEL
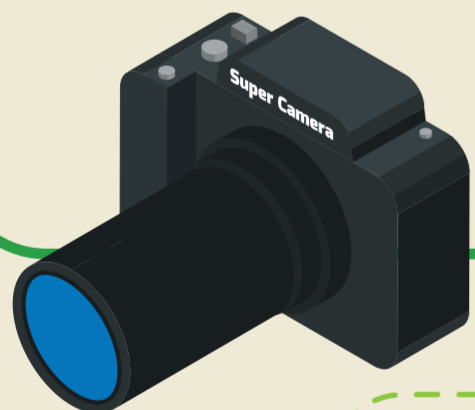Assembly Technician, ICT Technician, Computer Hardware Technician

MIDLEVEL
Quality Control Engineer, Quality Assurance Engineer, and Computer Hardware Engineer

SENIOR LEVEL
Computer System Analyst, Network Administrator

JOB OPPORTUNITIES AFTER ITI

- IT Sector
- Electronics and communication system equipment manufacturers and service centres
- Self-employment or entrepreneurship

UPSKILLING OPPORTUNITIES

- Craft Instructor Training Scheme (CITS) to become an Instructor in ITIs
- Diploma courses in polytechnic colleges
- Advanced diploma (vocational courses) in IT
- Networking and cloud computing short-term courses
- Short term courses like Cisco Certified Network Associate (CCNA)