

## CAREER PATHWAY

# INFORMATION & COMMUNICATION TECHNOLOGY SYSTEM MAINTENANCE



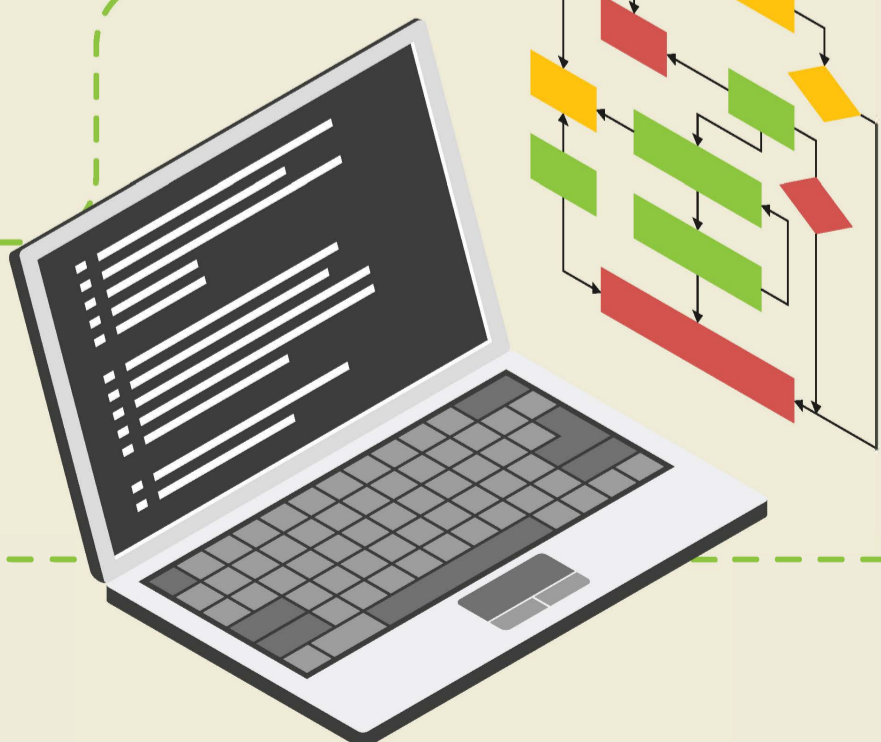
### SKILLS TAUGHT IN ITI

- 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



### JOB OPPORTUNITIES AFTER ITI

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



### 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

### 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)