



## DIPLOMA IN NETWORK SECURITY

JPT/BPP(K) 1000-600/B293 JLD4(12)(R/481/4/0736)(A 7166) 07/2021

### PROGRAMME BRIEF

Network Security programme is designed to develop the competencies required in the security of overall network architecture which includes design and write computer programs, use and maintain databases, configure and integrate various network security tools and install and secure computer networks. It emphasizes on the security of overall network architecture, configuration and integration of various network security tools, which includes open source the proprietary software.

Students from the network security programme will develop essential knowledge & skills and tools to use cyber security measures to protect data and manage personnel conduct in relation to safeguarding data based on the defined network security industry standards and regulations which are still evolving. The programme also nurtures ethics in network security, developing young minds to become successful entrepreneurs, while promoting thinking and problem-solving skills, and also to use critical thinking skills to research current and evolving cyber security trends.

### CORE STUDY AREAS

- Network Penetration Testing & Vulnerability Assessment
- Network Forensics
- Open Source Network Tools - Configuration & Integration
- Operating Systems Administration

### JOB OPPORTUNITIES

- Cyber and Network Security Specialist
- Assistant Network Infrastructure (Routing/Server)
- Management & Switching Specialist
- Information Security Analyst