



# Network+ Preparation

## Programme duration

60 hours

Option of weekend or evening classes

## Qualification description

This module is a comprehensive introduction to the basics of computer networking and telecommunication principles. It covers networking sector skills and knowledge that a network technician would need to successfully complete their work. This module focuses on network terminology, protocols, standards, services, types, models, media, testing tools and programs, infrastructure and network communication devices. In particular, students will be taught how to attach a computer to a network system, connect network cabling, devise an addressing scheme, set up, manage and secure a simple physical network, understand today's network requirements and plan and recommend improvements to a network infrastructure. Basic troubleshooting techniques and the ability to troubleshoot simple networking hardware communication problems will prepare the student for current and future network-related problem-solving scenarios.

Students will understand and apply commonly used networking technologies in a variety of contexts and appreciate what takes place in the daily operation and management of today's networks. This module provides enough knowledge for students to make appropriate judgments when planning and designing a new network. It involves hands-on, lab-oriented activities that stress laboratory safety and working effectively in a lecturer-led environment.

The Network+ Preparation module is intended for anyone who is looking for a technical career in the Information Technology (IT) industry.

---

We have made every effort to ensure the accuracy of the information contained in this document. However, information related, but not limited to, programmes, fees, staff and services described herein is subject to change. Up-to-date regulatory information and terms and conditions can be found on the website or by contacting us using the contact details contained in this document.

[www.pearsoninstitute.ac.za](http://www.pearsoninstitute.ac.za)