

TECHNICAL CURRICULUM · HARDWARE, NETWORKS & SYSTEMS · FULL-TIME

COMPUTER & IT

A complete, practice-based training programme, from the PC workstation to the networked system. **Real hardware, real networks, market-ready skills.**

THE PROGRAMME

A stable IT system does not happen by chance. This programme builds the skills for it, from the workstation to the secure network.



Computer & IT is a practice-based full-time programme for IT, computer and network technology.

Across seventeen technical modules in four phases, trainees work their way from hardware, operating systems and application software, through networks, servers and databases, to programming, web, IT security and service.

The focus is on practice throughout. Learning takes place on real hardware, real networks and real systems, with around 1.500 hours of technical learning and more than 110 assessed exercises.

Each module concludes with an assessed test piece, so that competence is shown through real work and not on paper. The structure is competency-based, modular, stackable and RPL-ready.

The programme is offered as a curriculum, as a matching equipment specification or as a turnkey package for the site.

17

TECHNICAL MODULES

1.200_h

TECHNICAL LEARNING

110₊

PRACTICAL EXERCISES

120₊

EQUIPMENT ITEMS

2_{years}

FULL-TIME

PRACTICAL CURRICULUM

MODULE

01 – 17 · FOUR PHASES

Seventeen modules

From IT fundamentals, hardware and operating systems, through networks, servers, databases and programming, to IT security and service, concluding with the integrated IT assignment as the final project.

01

IT introduction & safety

FOUNDATIONS

07

Electronics & measurement

DEVELOPMENT

13

Web technologies

IN-DEPTH

02

Digital basics & OS

FOUNDATIONS

08

Network basics & cabling

DEVELOPMENT

14

IT security & data protection

SPECIALISATION

03

Computer hardware & assembly

FOUNDATIONS

09

Plan & manage networks

IN-DEPTH

15

IT service & support

SPECIALISATION

04

Office & application software

FOUNDATIONS

10

Server & system administration

IN-DEPTH

16

Project management & business

SPECIALISATION

05

Administer operating systems

DEVELOPMENT

11

Databases & data management

IN-DEPTH

17

Final project: IT assignment

COMPLETION

06

Maintenance, diagnosis & repair

DEVELOPMENT

12

Programming & scripting basics

IN-DEPTH

EQUIPMENT

Trained on real hardware.



01

Workstation & basic equipment

PC workstations, peripherals and basic setup of the IT workshop.

02

Diagnostic & measuring devices

Multimeters, cable testers and certifiers, POST card and test equipment.

03

Network technology

Switches, routers, access points, patch panels and rack for the network lab.

04

Server & lab hardware

Server hardware and virtualisation platform for administration and services.

05

Tools & ESD protection

Crimping and punch-down tools, soldering station, screwdriving tools and ESD set.

~120 ITEMS · 5 CATEGORIES

BRING THE PROGRAMME TO YOUR LOCATION

LET'S GET STARTED.

AVAILABLE AS · **Turnkey** (consulting + equipment + delivery + curriculum + setup)