

INFORMATION TECHNOLOGY

NATIONAL CERTIFICATE (VOCATIONAL) INFORMATION TECHNOLOGY & COMPUTER SCIENCE LEVEL 2 - 4

Programme structure:

Level 2 - 4 Fundamentals (compulsory)

- Language
- Mathematics
- Life Orientation

Level 2 Vocational subjects

- Introduction to Information Systems
- Electronics
- Introduction to Systems Development
- Office Data Processing

Level 3 Vocational subjects

- Systems Analysis & Design
- Computer Hardware & Software
- Principles of Computer Programming
- Office Data Processing

Level 4 Vocational subjects

- Systems Analysis & Design
- Data Communications & Networking
- Computer Programming
- Office Data Processing

Admission requirements:

- Level 2: Grade 9 or Level 1
- Level 3: Level 2 qualification or equivalent
- Level 4: Level 3 qualification or equivalent

Duration:

3 years full-time (1 year per level)

Career options:

- Data capturing
- Office computing
- Help desk assistance

Location:

Crawford Campus

Kromboom Road, Crawford
Tel: 021 696 5133

INFORMATION TECHNOLOGY

CISCO IT SPECIALIST COURSE (CNAP)

The CISCO Networking Academy Programme (CNAP) is aimed at individuals wanting to obtain a post matric certification in **Computer Data Networking**, i.e. they seek to obtain the International Cisco Certified Network Administrators (CCNA) certification. The Academy boasts state of the art facilities dedicated to equip learners with not just theoretical knowledge, but also much needed technical and practical exposure to the latest industry equipment, in order to prepare them to successfully complete the Curriculum as well as the International CCNA Certification Examinations.

Programme structure:

- IT Essentials
- M.O.S (Microsoft Office Specialist - Excel, Word, PowerPoint, etc.)
- CCNA Exploration 1-4
- P.N.I.E. Cabling (Data Reticulation)
- Server +

Admission requirements:

- Grade 12 with Mathematics or Mathematical Literacy

Duration:

1 year full-time

Career options:

- Service technician
- Network Administrator
- PC sales & services
- Networking consultant

Microsoft IT Academy (MSITA)

The MSITA Programme is targeted at individuals wanting to obtain a post matric certification in **Web Development & Design**. The Development component is based on the latest Microsoft Certified Professional Web Developer (MCPD) curriculum and effectively prepares the learners to successfully complete the four required international certification exams. The Design or Creative Component is based on the Adobe Certified Associate curriculum in which learners are taught the fine art of front-end web design using Adobe's Creative Suite of Applications for Web Design (CS3) namely **Flash, Fireworks and Dreamweaver**.

Programme Structure:

Microsoft MCPD.Net 2.0

- VB.Net Framework Application Development Foundation
- VB.Net Web Based Application Development
- Designing Web Applications

Adobe (CS3) - Web Development (Adobe Certified Associate)

- Dreamweaver
- Fireworks
- Flash
- Digital Portfolio

INFORMATION TECHNOLOGY

Admission Requirements:

- Grade 12 with Mathematics or Mathematical Literacy

Duration:

1 year full-time

PART-TIME COURSES

All part-time offerings are subject to demand as well as facilitator availability.

MOS (Microsoft Office Specialist)

Specialised training in the Microsoft Office Suite of end-user applications namely Word, Excel, PowerPoint, Outlook and Access.

IT Essentials (A+)

Building a PC, installing and managing Windows Operating System, adding peripherals and multi-media capabilities, LAN basics and connecting the PC to a LAN or the Internet.

P.N.I.E. Cabling (Panduit Network Infrastructure Essentials)

Sponsored by Panduit Corporation, this course gives the CISCO Networking Academy the opportunity to provide a curriculum of the physical aspects of voice and data network cabling and installation. This is a hands-on lab orientated course which covers documentation, design and installation issues, lab and on-the-job safety as well as working effectively in a group environment.

CCNA 1 - CCNA 4

Designing, installing and troubleshooting networks, computer hardware and software, networking terminology and protocols, Local & Wide Area Networks (LANs & WANs), structured cabling and network-to-network communications.

Admission requirements:

- 16 years or older

Location:**Crawford Campus, ICT Department**

Kromboom Road, Crawford

Tel: 021 696 5133