

Information Technology and Computer Sciences

Quick Facts

It is ideal for students with an interest in web design, graphic design, computer architecture, information systems and systems analysis.

This provides you with essential industry-related skills, simulated practical and work experience and improves your employability post qualification.

What can I do with an NCV Level 4 qualification?

- Go to university or other tertiary education institutions.
- Start working after matric.
- Start my own venture.



Scan here for more information

Programme information

The Information Technology and Computer Sciences programme provides students with an in-depth introduction to the IT industry. This programme is highly recommended for students with an interest in web design, graphic design, computer architecture, information systems and systems analysis.

What will I learn?

- Multimedia content development
- Web design and programme design
- Computer programming in multiple languages
- Database application development (SQL)
- Information processing and analysis
- Electronic circuits
- Analysis of organisational systems
- The systems development life cycle (SDLC)
- Reporting
- Error-handling
- User interface and output design
- Computer architecture and technician skills
- Design and installation of computer networks

Entry requirements

- Grade 9 pass
- Or NQF Level 1 qualification

Qualification ID

- National Certificate Vocational NQF Levels 2, 3 and 4
- Accreditation body: Umalusi. Each level takes one year to complete.
- SAQA ID Level 2: 50440; SAQA ID Level 3: 50442 SAQA ID Level 4: 50441

HOW TO ENROL

- Option 1: Submit an application form with all supporting documents.
- Option 2: Apply online. Follow the prompts on www.curro.co.za.
- Option 3: Contact us and we will guide you through the process.

Information Technology and Computer Sciences

This career-focused matric is right for you if you are interested in the information technology industry and considering careers such as network technician, software developer, database administrator, graphic designer, etc.

The programme:

- follows the NCV curriculum.
- provides you with essential industry-related skills.
- gives you simulated practical and work experience to improve your employability after matric.
- is predominantly skills-focused and integrates with academic knowledge.

Curriculum

Basic subjects (all NCV programmes):

- English First Additional Language
- Life Skills and Computer Literacy
- Mathematics or Mathematical Literacy

Compulsory subjects:

NCV 2

- Introduction to Information Systems
- Electronics
- Introduction to Systems Development
- Multimedia Basics

NCV 3

- Systems Analysis and Design
- Computer Hardware and Software
- Principles of Computer Programming
- Multimedia Content

NCV 4

- Systems Analysis and Design
- Data Communication and Networking
- Computer Programming
- Multimedia Services