



INFORMATION TECHNOLOGY AND COMPUTER SCIENCES

This career-focused matric is meant for you if you are interested in the **information technology industry** and pondering 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, and
- is predominantly skills-focused and integrates with academic knowledge.

Curriculum

- English First Additional Language
- Life Orientation
- 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

Contact details:

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www.curro.co.za

#Learners2Leaders

QUICK FACTS

- It is ideal for learners 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 **improve your employability** post qualification.
- **Entry requirements:** Grade 9 pass and a minimum of 50% for Mathematics.

What can I do with an NCV 4 in Information Technology and Computer Sciences?

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

Programme information

The Information Technology and Computer Sciences programme provides learners with an in-depth introduction to the IT industry.

This programme is highly recommended for learners with an interest in web design, graphic design, computer architecture, information systems and systems analysis.

What will I learn?

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

Entry requirements

- Grade 9 pass (minimum of 50% for Mathematics)
- NQF Level 1 qualification

Qualification

National Certificate Vocational NQF Levels 2, 3 and 4

SAQA ID Level 2: 50440; SAQA ID Level 3: 50442 SAQA ID Level 4: 50441
Accreditation body: Umalusi. Each level takes one year to complete.