



# Short Learning Programme in Basic Programming

## 🕒 Programme duration

### Part-Time

Minimum: 18 months  
Maximum: 5 years

## ☰ Programme description

**Speak the language of tomorrow. The specialised Short Learning Programme in Basic Programming is intensive and career-orientated. It prepares you for the world of work and acts as a very effective stepping-stone to further studies in any of our Higher Certificates in Information Systems (IS). You will develop the knowledge and skills for work in the programming environment of the IT industry.**

This Short Learning Programme provides you with a sound grounding of theoretical foundation of, and practical experience in the basics of one programming language, one database language and the use of one main operating system. The emphasis throughout is on application. The core subject areas include Program Design, Software Engineering, Database Design and Management, and either Basic Java or C# as the programming language. You also cover topics such as Computer Literacy, Personal Skills Development and Processing and Logic Concepts.

Much of the success of our Short Learning Programmes is due to our unique Mastery Learning Methodology (MLM). This modular self-directed learning approach gives you the flexibility to start and progress through the programme at a pace that best suits you. This learning methodology, together with our cutting-edge facilities such as computer labs, IS open learning areas and smart pods, will prepare you for the real IT work environment of the future.

Flexible learning. Limitless possibilities.

Over and above this, you will start developing essential skills for the world of work, especially for the IT industry, such as analysing and solving real problems, applying logic, being innovative and adaptable, working in teams and communicating effectively.

## ☑ Entry requirements

- South African National Senior Certificate (NSC) with Bachelor's degree, Diploma or Higher Certificate endorsement.
- Or
- A National Certificate (Vocational) level 4 issued by the Council of General and Further Education and Training with Bachelor's degree, Diploma or Higher Certificate endorsement.
- Or
- A Certificate of evaluation on a minimum NQF level 4 for foreign qualification confirmed by SAQA.
- Or
- A letter or certificate confirming an exemption from Universities South Africa (USAf) for any other School leaving results.
- Or
- Completion of a Bachelor's degree, Diploma, Higher Certificate or equivalent.

## 📁 Possible career options

Learn the language of computers.

The career choices for you, as a Short Learning Programme in Basic Programming graduate, include junior positions in:

- Programming
- Database Administration



# Short Learning Programme in Basic Programming

## Programme accreditation

- It is an Eduvos programme with modules that may articulate into the accredited Higher Certificates in Information Systems (Web Development, Engineering and Software Development), at NQF level 5.
- This Short Learning Programme is not accredited by the Higher Education Quality Committee (HEQC), nor is it registered with the South African Qualifications Authority (SAQA). However, the modules within the Short Learning Programme contain the accredited NQF level 5 modules which allows for direct articulation into the full qualifications.

## This programme is offered at the following campuses:

- Bedfordview
- Midrand
- Pretoria
- Tyger Valley

## Programme structure

- Computer Literacy (Microsoft)
- Personal Skills Development
- Processing and Logic Concepts
- Program Design
- Software Engineering
- Database Design Concepts
- Database Management Choice of: SQL Server or MySQL
- Basic Programming Language Choice of: Java or C#
- Final - Basic Programming