



Higher Certificate in Information Systems (Web Development)

SAQA ID 102780 NQF level 5

🕒 Qualification duration

Part-Time (Campus)

Minimum: 2.5 years

Maximum: 5 years

☰ Qualification description

Kickstart your IT career. This Higher Certificate prepares you for work in a range of areas in the IT web environment. Although you will acquire a broad range of IT-related knowledge and skills, it is primarily a comprehensive and career-focused qualification that prepares you for work as an IT professional in the web environment.

The Higher Certificate in Information Systems (Web Development) provides you with solid theoretical and practical skills in web programming and database use and development. It also offers you intensive experience in the main web standard programming languages such as HTML5 and CSS3. The core subject areas include Creating Web Pages and Web Design, Content Management Systems and Basic PHP Programming. Other topics covered include Computer Literacy, Program Design, Processing and Logic Concepts. Throughout the qualification, you will complete technical projects so that you are able to design and create websites.

We attribute much of the success of our Higher Certificate programmes in Information Systems (IS) 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.

Over and above this, you will develop essential skills for the world of work, such as analysing and solving real problems, being innovative, being adaptable to change, being self-disciplined 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

Do you have a flair for technology and design?

The career choices for you, as a Higher Certificate in Information Systems (Web Development) graduate, include junior positions in:

- Web Development
- Database Administration



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Qualification accreditation

- Accredited by the Higher Education Quality Committee (HEQC) of the Council on Higher Education (CHE)
- Registered with the South African Qualifications Authority (SAQA)

This qualification is offered at the following campuses:

- Bedfordview
- Bloemfontein
- Claremont
- Durban
- East London
- Mbombela
- Nelson Mandela Bay
- Potchefstroom
- Pretoria
- Tyger Valley
- Vanderbijlpark

Qualification structure

Year 1

- Computer Literacy (Microsoft)
- Personal Skills Development
- Processing and Logic Concepts
- Program Design
- Software Engineering
- Database Design Concepts
- Database Management (MySQL)
- Creating Web Pages
- Introduction to JSON
- Web Design (Dreamweaver)
- Basic PHP Programming
- Content Management Systems
- Web Development Project
- Final - Information Systems (Web Development)