

PROGRAMME TITLE	NQF	SAQA ID	CREDITS
HIGHER CERTIFICATE IN INFORMATION TECHNOLOGY	5	TBA	120

DESCRIPTION

The purpose of this qualification is to provide an extensive introduction into the field of Information Technology with a sound, and industry-oriented programme focusing on software and web design and development as well as an exposure to a range of future oriented trends and technologies. A qualifying student will be a well-rounded IT practitioner with academic and technical knowledge and skills in information technology networking, software, computer architecture and operating systems and application and web programming. The curriculum ensures a high degree of portability and enable students to enter multiple job roles and careers in their quest to meet individual and organisational requirements.

The certificate emphasizes integrating information technology into business practice. The successful student will develop a foundational knowledge and requisite competencies in information technology, which can be applied to the business environment. Students will obtain an intensive exposure to all aspects of computer architecture and operating systems, program design, software engineering, networking, and web technology. Training for this programme is both theoretical and practical. It allows students to grasp fundamental knowledge in the workings of various IT tools in the modern work environment.

CAREER FIELDS

With this qualification, successful learners could pursue a career as a:

- IT Support Technician / Helpdesk Support
- Junior Systems Administrator
- Computer Technician
- Junior Network Administrator
- Technical Support Consultant
- IT Sales Support
- Junior Web Developer
- Data Capturer / Entry Clerk

PROGRAMME OUTLINE

1 st Year, 1 st Semester				1 st Year, 2 nd Semester			
Module	Module Code	Credits	NQF	Module	Module Code	Credits	NQF
Business Communication		8	5	Computer Architecture and Operating Systems		12	5
Programming Design and Development		20	5	Database Design and Administration		16	5
IT Project Management		8	5	Data Communications and Networking		8	5
End User Computing		8	5	Web Development Technologies		20	5
Software Engineering		12	5	Information Technology Practice		8	5
Mathematics 1 (Elective)		8	5				

All modules are compulsory except Mathematics for 1.

A minimum of 120 credits is required to obtain the qualification with students with Mathematics at grade 12 level or a minimum of 128 credits is required to obtain the qualification with students without Mathematics at grade 12 level.

All other modules need to be completed before Information Technology Practice can be attempted.



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TYPE OF PROGRAMME

The programme duration is 1 year on a full-time basis, or 2 years on a part-time basis. Tuition is face to face and is scheduled per campus. Programmes are offered during the week on a full-time and part-time basis. Part-time tuition is scheduled as per the stipulated planner.

ADMISSION REQUIREMENTS

The minimum entry requirement for the Higher Certificate in Information Technology is the following:

- National Senior Certificate: minimum endorsement for Higher Certificate (HC) with Mathematics
- National Senior Certificate Vocational: minimum endorsement for Higher Certificate
- Amended Senior Certificate: minimum endorsement for Higher Certificate
- Non-traditional applicants may gain admission via RPL for Alternative Access assessment
- Non-traditional applicants may gain admission via Senate discretionary admission

LEARNER MATERIAL

Prescribed textbook lists will be provided by the academic department at your campus. Students will receive electronic versions of the study guides for this programme.

PRICING

Enquire at the Berea College of Technology campus for a current programme pricelist.

ADDITIONAL COSTS

Students must make provision for additional items such as textbooks, stationery, supplementary examinations, research costs and printing of study guides etc.

EXAMINATION AUTHORITY

All Examinations are set by Berea College of Technology.

CERTIFICATION

On successful completion of the programme, the student will receive a Berea College of Technology Higher Certificate in Information Technology.

ARTICULATION

The successful student would have obtained sufficient credit to further their studies at other institutions permitting them. Students can further their learning both horizontally, diagonally and vertically.

Vertical articulation may be pursued at other public and private institutions, for example to the Diploma in Information Technology offered at BCT and Durban University of Technology. Horizontal articulation may be pursued at other public and private institutions, for example to the Higher Certificate in Business Computing or other Higher certificates offered at BCT, or Higher Certificate in Information Technology offered at Durban University of Technology or other Higher Certificate qualifications in Management and related fields.

Diagonal articulation may be pursued at other public and private institutions, for example to the Advanced Certificate in Business Administration offered at Richfield Institute of Technology or the Advanced Certificate in Business Management and Administration offered at Stellenbosch University or the Diploma in Management Sciences offered at Durban University of Technology or other Higher Certificate qualifications in Management, Administration and related fields. This qualification may articulate diagonally to other qualifications at NQF Level 6. (for example Diploma and Bachelor's degrees in education, management and hospitality offered at BCT and other public and private Higher Education providers).

FURTHER STUDIES

Please enquire at the nearest Berea College of Technology campus for the prospectus containing post-certificate studies. Admission to further your studies at a different institution remains the prerogative of each institution and its academic council.



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DISCLAIMER

The information contained in this fact sheet is accurate at the time of printing. However, factors beyond Berea College of Technology control (such as environmental, regulatory or technical changes) may cause the contents of this fact sheet or of the programme to change. In the event of any such change, Berea College of Technology will formally notify current learners. All possible measures will be taken to minimise inconvenience to learners.

Name of Learner: I....., hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this qualification.

Signature of Learner:

Name of Legal Guardian:
(if applicable)

Signature:

Name of Sales Consultant:

Signature:

Name of Head of Department:

Signature:

Date:

* Please note the original signed copy should be kept on the learner record file.

