



School of Information Technology



IIE Diploma in Information Technology in Software Development

SAQA ID 74651
NQF Level 6 (minimum 360 credits)



INTRODUCTION

If you're a creative thinker and enjoy problem-solving, then this cutting-edge Diploma is for you and will place you on the fast track to the mind-blowing world of Information Technology. Modules which include programming, web development, systems analysis and database design will ensure that you are equipped with versatile skills and knowledge to take your steps into an environment of application and software development, thereby creating a wealth of opportunities for yourself. The IIE Diploma in Information Technology in Software Development provides a combination of fundamental business-related skills and IT programming-specific competencies, equipping the learner with the baseline knowledge to function effectively in the IT programming environment.

ADMISSION REQUIREMENTS

NSC: Diploma pass with

English 30%

NC (V): Diploma pass with

English 40%

SC: Endorsement- none with

English 33.3%

SC(a): Diploma pass with

A minimum of 30% in LoLT in NSC/ SC(a) OR with a min. of 33.3% in SC

International

A SAQA Evaluation Certificate with NSC L4 equivalence with at least 40% or equivalent for English. Please refer to the International Admissions spreadsheet for further admissions criteria.

Alternatively, a cognate Higher Certificate (or equivalent) or Advanced Certificate may satisfy the minimum admission requirements to diploma studies. If the discipline not cognate at least 20% of credits must be academic literacy or numeracy related.

Should you have any other school leaving qualification not mentioned above, please contact a student advisor.



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CURRICULUM

YEAR 1			
Semester 1		Semester 2	
Business Information Systems	BUIS5111	Operating Systems	OPSY5121
Introduction to Quantitative Thinking and Techniques	IQTT5111	IT Professional Practice	ITPP5112
Programming 1A	PROG5121	Programming 1B	PROG6112
Programming Logic and Design	PRLD5121	Web Development (Introduction)	WEDE5020
YEAR 2			
Semester 1		Semester 2	
Database Introduction	DATA6211	Database (Intermediate)	DATA6222
Programming 2A	PROG6221	Human Computer Interaction	HCIN6222
Systems Analysis and Design	SAND6221	IT Project Management	IPMA6212
Web Development (Intermediate)	WEDE6021	Programming 2B	PROG6212
YEAR 3			
Semester 1		Semester 2	
Open Source Coding (Introduction)	OPSC6311	Software Quality and Testing	SQAT6322
Information Security	ISEC6321	Applied Programming	APPR6312
Advanced Databases	ADDB6311	Open Source Coding (Intermediate)	OPSC6312
Work Integrated Learning 3A	XISD5319	Work Integrated Learning 3B	XISD6329

Details are correct at the time of printing
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