

**CAREER INFORMATION 2021**

DIPLOMA IN ICT: APPLICATIONS DEVELOPMENT (PMB)  
 DIPLOMA IN ICT: BUSINESS ANALYSIS (PMB)  
 HIGHER CERTIFICATE IN INFORMATION TECHNOLOGY (PMB)

**DUT**  
 DURBAN UNIVERSITY OF TECHNOLOGY  
 INVOLVED TOGETHER WITH TECHNOLOGY PRECISE

**FACULTY OF ACCOUNTING & INFORMATICS**

**DEPARTMENT OF FINANCE & INFORMATION MANAGEMENT**

**01 JAN - 31 DEC 2021**

**Location:** Indumiso Campus (Pietermaritzburg)

The Department of Finance and Information Management, situated at the Indumiso Campus, offers the following Information and Communications Technology (ICT) under-graduate qualifications:-

- Diploma in ICT: Applications Development
- Diploma in ICT: Business Analysis
- Higher Certificate in IT

The general information below pertains to all of the ICT programme offerings above.

### Personal Attributes

An aptitude for puzzles, mathematics, logic and accuracy characterize the successful student. If you possess most of these qualities, you should consider a career in ICT.

### Career Opportunities

On completion of a qualification graduates will be able to apply for the following positions: Programmer, Junior Analyst, Programmer/Analyst, Junior Database Administrator, End User Support, Business Analyst and many other related positions. The training offered prepares the student globally, since internationally acceptable software, textbooks, and training methods are used in all programmes.

### Selection Procedure:

Meeting the minimum entry requirements does not automatically guarantee acceptance. It depends on the number of applicants and number of places allowed by DUT.

## Diploma in Information and Communications Technology (ICT)

### Description of the Programme

A career in ICT is a career path of endless opportunities and diversity. The Diploma in ICT offers the opportunity to work in any industry, anywhere in the world. Careers in the ICT Industry range from highly technical positions such as Software or Web Developers or Systems Analysis.

Students wishing to pursue this career path must have the character and perseverance to work in dynamic environments. A basic skill that tends to categorize an ICT specialist is the ability to think and express oneself logically; therefore, students possessing these skills would be ideal candidates for this programme.

### Entry Requirements: (Diploma in ICT in Applications Development and Diploma in ICT Business Analysis)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009) NSC DIPLOMA ENTRY		SENIOR CERTIFICATE (SC) (PRE 2009) SENIOR CERTIFICATE (SC)			NATIONAL CERTIFICATE VOCATIONAL (NCV) NATIONAL CERTIFICATE VOCATIONAL (NCV) LEVEL 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	Mark
English	3	English	E	C	At least 50% in three fundamental subjects including English,	50%
English (1st additional)	4					
Mathematics <b>OR</b> Mathematics Literacy	3 6	Mathematics	E	C		
And two 20 credit subjects (not more than one language)	3				At least 60% in three compulsory vocational subjects	60%

#### Selection Procedure:

These requirements represent the minimum and students will be ranked according to a points system based on the rating code

## Diploma in Information and Communications Technology (ICT): Applications Development

NQF 6

SAQA ID: 94697

### Purpose of qualification

The purpose of the diploma is to provide a professional, vocational or career focused qualification for the ICT industry. The knowledge emphasizes general principles and applications. Further the diploma will develop learners who can demonstrate focused knowledge and skills to design and produce software products and systems to meet specified needs so that they work reliably and their production and maintenance is cost effective. This specialization expands the purpose of the qualification by enabling a graduate (diplomat) to conceptualize, design, implement & test application development solutions to address industry related ICT initiatives.

### Tuition Fees

To assist you with your planning, the **2020** fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**Please Note:** DUT cannot be held liable for the fees in this brochure as the **2021** fees are not yet final.

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Cornerstone 101	PSTN101	5	12	R2530.00
ICT Literacy and Skills	ITLS101	5	8	R1950.00
Business Fundamentals 1	BSFN101	5	12	R2400.00
Applications Development 1A	DEVPI01	5	12	R4860.00
Fundamentals of Computer Security	FCSP101	5	8	R2080.00
Information Systems 1	BISP101	5	8	R2340.00
<b>TOTAL</b>				<b>R14 430.00</b>
<b>Semester 2</b>				
Me, My world, My Universe	MWMP101	5	8	R1950.00
Operating Systems	OSYP102	5	12	R3050.00
Applications Development Project 1	APPT102	5	12	R3240.00
Applications Development 1B	DEVPI02	5	12	R4730.00
Communications Networks 1	CNTK102	5	16	R3950.00
<b>TOTAL</b>				<b>R14 970.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

### Second Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Business Fundamentals 2	BSFN201	6	12	R3050.00
Mobile Computing 2A	MCPP201	6	8	R2340.00
Information Systems 2A	BISP201	6	8	R2340.00
Applications Development 2A	DEVP201	6	12	R3570.00
Information Management 2A	INMT201	6	8	R2340.00
IT Project Management	ITPM202	6	12	R3240.00
<b>TOTAL</b>				<b>R16 880.00</b>
<b>Semester 2</b>				
Community Engagement Project	CEPPI01	6	8	R2270.00
Mobile Computing 2B	MCPP202	6	12	R2340.00
Information Systems 2B	BISP202	6	8	R2340.00
Applications Development 2B	DEVP202	6	12	R3570.00
Information Management 2B	INMT202	6	8	R2340.00
Applications Development Project 2	APPT202	6	12	R3240.00
<b>TOTAL</b>				<b>R17 330.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Third Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Information Systems 3A	BISP301	6	12	R2340.00
Applications Development 3A	DEVP311	6	12	R3570.00
Applications Development Project 3A	APPT301	6	12	R3240.00
Human Computer Interaction	HCIP301	6	12	R2340.00
Theory of ICT Professional Practice	ITPP301	6	12	R2340.00
<b>TOTAL</b>				<b>R13 830.00</b>
<b>Semester 2</b>				
Information Systems 3B	BISP302	6	12	R3240.00
Entrepreneurial Spirit	ENTS302	6	12	R3240.00
Applications Development 3B	DEVP302	6	12	R4860.00
Applications Development Project 3B	APPT302	6	24	R6150.00
<b>TOTAL</b>				<b>R17 490.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Diploma in Information and Communications Technology: Business Analysis

### NQF 6

### SAQA ID 97709

### Description of the Programme

A career in ICT is a career path of endless opportunities and diversity. The Diploma in ICT offers the opportunity to work in any industry, anywhere in the world. Careers in the ICT Industry range from highly technical positions such as Software or Web Developers or Systems Analysis.

Students wishing to pursue this career path must have the character and perseverance to work in dynamic environments. A basic skill that tends to categorize an ICT specialist is the ability to think and express oneself logically; therefore, students possessing these skills would be ideal candidates for this programme.

### Purpose of qualification

The purpose of the diploma is to provide a professional, vocational or career focused qualification for the ICT industry. The knowledge emphasizes general principles and applications. Furthermore, the diploma will develop students who can demonstrate focused knowledge and skills in Business Analysis and use Information and Communications Technology (ICT) in industry to solve business problems. Furthermore, they will be able to analyse business environments and create specifications for ICT solutions to facilitate the alignment of IT and business processes.

### Tuition Fees

To assist you with your planning, the **2020** fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

**Please Note:** DUT cannot be held liable for the fees in this brochure as the **2021** fees are not yet final.

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

## First Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Cornerstone 101	PSTN101	5	12	R2530.00
ICT Literacy and skills	ITLS101	5	8	R1950.00
Fundamentals of Computer Security	FCSP101	5	8	R2080.00
Applications Development 1A	DEVP101	5	12	R4860.00
Business Fundamentals 1	BSFN101	5	12	R2400.00
Me, My world, My Universe	MWMP101	5	8	R1950.00
<b>TOTAL</b>				<b>R15 770.00</b>
<b>Semester 2</b>				
Law for Life	LFLP102	5	8	
Applications Development 1B	DEVP102	5	12	R4730.00
Financial Accounting 1	FACP102	5	12	R3480.00
Business Information Systems 1	BISPI02	5	12	R3480.00
Business Analysis Project 1	BAPP102	5	16	R4800.00
<b>TOTAL</b>				<b>R16490.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Second Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Business Fundamentals 2	BSFN201	6	12	R3050.00
Applications Development 2A	DEVP201	6	12	R3570.00
Business Analysis 2A	BANP201	6	8	R3000.00
Information Management 2A	INMT201	6	8	R2340.00
Computer Apps in Business and Finance 2	APBF201	6	12	R3480.00
Business Information Systems 2	BISP201	6	8	R3000.00
<b>TOTAL</b>				<b>R18 440.00</b>
<b>Semester 2</b>				
Theory of Internal Auditing 2	TOIA202	6	8	R3170.00
Business Analysis 2B	BANP202	6	8	R3000.00
Applications Development 2B	DEVP202	6	12	R3570.00
Information Management 2B	INMT202	6	8	R2340.00
Business Analysis Project 2	BAPP202	6	12	R3480.00
IT Project Management	ITPM202	6	12	R3240.00
<b>TOTAL</b>				<b>R22 280.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Third Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Business Analysis 3A	BANP301	7	16	R4800.00
Business Information Systems 3A	BISP301	7	16	R4200.00
Business Analysis Project 3A	BAPP301	6	16	R4800.00
<b>TOTAL</b>				<b>R13 800.00</b>
<b>Semester 2</b>				
Business Analysis 3B	BANP302	7	16	R4800.00
Business Analysis Project 3B	BAPP302	6	20	R4800.00
Entrepreneurial Spirit	ENTS302	6	12	R3240.00
Business Information Systems 3B	BISP302	7	12	R3480.00
Theory of ICT Professional Practice 3	ITPP301	6	12	R2340.00
<b>TOTAL</b>				<b>R18 660.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Higher Certificate in Information Technology

NQF 5

SAQA ID: 98911

### Purpose of Qualification

The purpose of the higher certificate is to provide a student with basic ICT skills and allow exceptional students access to the diploma qualifications.

### Entry Requirements for the Higher Certificate in Information Technology (IT)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE VOCATIONAL (NCV)	
NSC DIPLOMA ENTRY		SENIOR CERTIFICATE (SC)			NATIONAL CERTIFICATE VOCATIONAL (NCV) LEVEL 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	Mark
English	3	English	E	C	50%	50%

### Selection Procedure:

These requirements represent the minimum and students will be ranked according to a points system based on the rating code.

### Tuition Fees

To assist you with your planning, the **2020** fees have been indicated. An increase for next year to accommodate the inflation rate can be expected.

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**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each

academic year.

## First Year Curriculum

Name of Modules	Subject Code	HEQSF Level	SAQA Credits	2020 Fees
<b>Semester 1</b>				
Cornerstone 101	PSTN101	5	12	R2530.00
Database Administration	DBAPI01	5	12	R3610.00
E-Commerce	ECOM101	5	12	R3610.00
Hardware Support	HDWPI01	5	12	R3330.00
Networking	NTWK101	5	12	R3330.00
<b>TOTAL</b>				<b>R16 410.00</b>
<b>Semester 2</b>				
Software Support	SWPPI01	5	12	R3330.00
Solutions Development	SDVLI01	5	12	R3330.00
Web Project	PWEB101	5	24	R4440.00
Web Technology	WEBT101	5	12	R3330.00
<b>TOTAL</b>				<b>R14 430.00</b>
<b>TOTAL CREDITS SEMESTER 1&amp;2</b>			<b>120</b>	

## Application

Applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 November of the previous year.

### Application Forms:

Central Applications Office (CAO)  
Private Bag X06  
Dalbridge 4014  
Tel: (031) 2684444  
Fax: (031) 2682244

### OR

Apply online on <http://www.cao.ac.za>

**CAO Code: PMB:** Dip. ICT (Applications Development) – DU-I-APD  
Dip. ICT (Business Analysis) – DU-I-BUA  
Higher Certificate in IT – DU-I-HIT

**Closing Date for applications:** 30 November 2020

### For More Information Contact:

Contact the Department of Finance and Information Management  
Durban University of Technology, Indumiso Campus  
PO Box 101112  
Scottsville  
Pietermaritzburg, 3209  
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Fax: (033) 845 8816  
Fax: (031) 2682244

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