CAREER INFORMATION 2024

DIPLOMA IN ICT: **APPLICATIONS DEVELOPEMENT**
DIPLOMA IN ICT: **APPLICATIONS DEVELOPEMENT(4YEARS)**

DUT DURBAN UNIVERSITY OF TECHNOLOGY INYUVESI YASETHEKWINI YEZOBUCHWEPHESHE

FACULTY OF ACCOUNTING & INFORMATICS

DEPARTMENT OF INFORMATION TECHNOLOGY

01 JAN - 31DEC 2024

Department of Information Technology

Location: Ritson Campus (Block B: 2nd Floor) (Durban)

The department of Information Technology, situated at the Ritson campus, offers the following Information and Communications Technology (ICT) under-graduate qualifications: -

Diploma in ICT in Applications Development
Diploma in ICT in Applications Development (4-year)

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

Personal Attributes

An aptitude for puzzles, mathematics, logic and accuracy characterizes 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.

Explanation of Points scale:

SENIOR CERTIFICATE (SC)		
SYMBOL	**HIGHER GRADE**	**STANDARD GRADE**
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	I

NATIONAL SENIOR CERTIFICATE (NSC)		
%	**LEVEL**	**POINTS**
90-100	7	8
80-89%	7	7
70-79%	6	6
60-69%	5	5
50-59%	4	4
40-49%	3	3
30-39%	2	2
20-29%	I	I

MINIMUM ADMISSION REQUIREMENTS

GENERAL ADMISSION REQUIREMENTS

A person will only be considered for registration for an instructional programme approved by the Institution's Senate if the person complies with:

(a) The minimum admission requirements stated in DUT general handbook (refer to DUT website for general handbook).
(b) Institutional faculty, departmental and/or instructional programme specific rules; and

MINIMUM ADMISSION REQUIREMENTS IN TERMS OF THE HIGHER EDUCATION QUALIFICATIONS SUB-FRAMEWORK (HEQSF)

G7 rule: For Diploma:
"a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi), with a minimum of achievement rating of 3 for English and a minimum achievement rating of 3 in four recognised NSC 20-credit subjects."

Diplomas in Information & Communications Technology

Specialising in Applications Development: 3 Years / 4 Years

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.

Diploma in ICT in Applications Development

NQF Level: 6

SAQA ID: 94697

Qualification Code: DIIAD1

Entry Requirements: (Diploma in ICT in Applications Development)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009) NSC DIPLOMA ENTRY		SENIOR CERTIFICATE (SC) (PRE 2009) SENIOR CERTIFICATE (SC)			NATIONAL CERTIFICATE VOCATIONAL (NCV) (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 **OR**	3	Mathematics	E	C		
Mathematics Literacy	6					
And **TWO** 20 credit subjects (not more than **ONE** language)	3				At least 60% in **THREE** compulsory vocational subjects	60%
In addition: **ONE** recognized NSC 20 credit subject as per G7 rule stated above.	3					
Selection Procedure: These requirements represent the minimum and students will be ranked according to a points system based on the rating code						

Entry Requirements for the Diploma in ICT in Applications Development (4-year Foundation programme)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009) NSC DIPLOMA ENTRY		SENIOR CERTIFICATE (SC) (PRE 2009) SENIOR CERTIFICATE (SC)			NATIONAL CERTIFICATE VOCATIONAL (NCV) (NCV) LEVEL 4	
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG	Compulsory Subjects	Mark
English	3	English	E	D	,	50%
Mathematics **OR**	3	Mathematics	E	D	At least 50% in three fundamental subjects including English	
Mathematics Literacy	5					
And **TWO** 20 credit subjects (not more than **ONE** language)	3				At least 60% in **THREE** compulsory vocational subjects	60%
In addition: **ONE** recognized NSC 20 credit subject as per G7 rule stated above.	3					
Selection Procedure: These requirements represent the minimum and students will be ranked according to a points system based on the rating code						

OR

Admission Requirement based upon Work Experience, Age and Maturity

For admission to entry level DIPLOMA and certificate studies:
A person may, subject to such requirements as the Senate may determine, be admitted to the Institution even if such a person is not in possession of a National Senior Certificate, Senior Certificate, or an equivalent certificate, provided that:

❖ The person shall have reached the age of 23 in the first year of registration and shall have atleast:
- three years' appropriate work experience; and/or
- capacity for the proposed instructional programme, which shall be assessed at the discretion of the respective Head of Department by a Senate approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AI) & English for Academic Purposes (EAP) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and

❖ The relevant Faculty Board shall be satisfied that the person's standard of communication skills, ability to study successfully and/or work experience are such that the person, in the opinion of the relevant Faculty Board, should be able to complete the proposed instructional programme successfully. If required, the communication skills and study skills should be tested; and

❖ The person's application for admission in terms of work experience, age and maturity is approved prior to registration.

Applicants intending to gain admission through work experience, age and maturity must submit their applications at least four months before commencement of the academic year inclusive of the date of scheduling writing a requisite eligibility assessment.

Tuition Fees

To assist you with your planning, the **2023** 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 **2024** fees are not yet final.

Diploma in ICT in Applications Development Curriculum (Mainstream)

First Year Curriculum				
Semester One	**Subject Code**	**HEQSF Level**	**SAQA Credits**	**2023 Fees**
Cornerstone 101	CSTN101	5	12	R3580.00
ICT Literacy and Skills	ICTL101	5	8	R2230.00
Business Fundamentals 1	BFND101	5	12	R2750.00
Applications Development 1A	APDA101	5	12	R5570.00
Fundamentals of Computer Security	FCSC101	5	8	R2380.00
Information Systems 1	INSS101	5	8	R2680.00
TOTAL				**R19190.00**
Semester Two				
Me, My world, My Universe	MWMU101	5	8	R2230.00
Operating Systems	OSYS101	5	12	R3490.00
Applications Development Project 1	APDP101	5	12	R3720.00
Applications Development 1B	APDB101	5	12	R5420.00
Communications Networks 1	CNTW101	5	16	R4530.00
TOTAL				**R19330.00**
TOTAL CREDITS SEMESTER 1&2			120	
Second Year Curriculum				
Semester One				
Business Fundamentals II	BFND201	6	12	R3490.00
Mobile Computing IIA	MCPA201	6	8	R2680.00
Information Systems IIA	ISYA201	6	8	R2680.00
Applications Development IIA	APDA201	6	12	R4090.00
Information Management IIA	INMA201	6	8	R2680.00
IT Project Management	ITPM101	6	12	R3720.00
TOTAL				**R19340.00**
Semester Two				
Community Engagement Project	CMEP101	6	8	R2600.00
Mobile Computing IIB	MCPB201	6	12	R4090.00
Information Systems IIB	ISYB201	6	8	R2690.00
Applications Development IIB	APDB201	6	12	R4090.00
Information Management IIB	INMB201	6	8	R2680.00
Applications Development Project II	APDP201	6	12	R3720.00
TOTAL				**R19860.00**
TOTAL CREDITS SEMESTER 1&2			120	
Third Year Curriculum				
Semester Two				
Information Systems IIIA	ISYA301	6	12	R2680.00
Applications Development IIIA	APDA301	6	12	R4090.00
Applications Development Project IIIA	ADPA301	6	12	R3720.00
Human Computer Interaction	HCIN101	6	12	R2680.00
Theory of ICT Professional Practice III	TIPP301	6	12	R2680.00
TOTAL				**R15850.00**
Semester Two				

Information Systems IIIB	ISYB301	6	12	R3720.00
Entrepreneurial Spirit	ENSP101	6	12	R3720.00
Applications Development IIIB	APDB301	6	12	R5570.00
Applications Development Project IIIB	ADPB301	6	24	R7060.00
TOTAL				**R20070.00**
TOTAL CREDITS SEMESTER 1&2			**120**	

Diploma in ICT in Applications Development Curriculum (4-year Foundation programme)

First Year Curriculum				
Semester One	**Subject Code**	**HEQSF Level**	**SAQA Credits**	**2023 Fees**
Cornerstone 101	CSTN101	5	4	R3580.00
ICT Literacy and Skills	ICTL101	5	3	R2230.00
IT Logic & Technology IA	ILGA101	5	8	R880.00
Fundamentals of Computer Security	FCSC101	5	3	R2380.00
Skills Development IA	SKDA101	5	8	R880.00
Total				**R9950.00**
Semester Two				
Information Systems 1	INSS101	5	3	R2680.00
Operating Systems	OSYS101	5	3	R3490.00
IT Logic & Technology IB	ILGB101	5	8	R880.00
Skills Development IB	SKDB101	5	8	R880.00
Total				**R7930.00**
TOTAL CREDITS SEMESTER 1&2			**48**	
Second Year Curriculum				
Semester One				
Business Fundamentals 1	BFND101	5	6	R2750.00
Applications Development 1A	APDA101	5	6	R4090.00
Communications Networks 1	CNTW101	5	8	R4530.00
IT Logic & Technology IIA	ILGA201	5	8	R880.00
Skills Development IIA	SKDA201	5	8	R880.00
TOTAL				**R13130.00**
Semester Two				
Me, My world, My Universe	MWMU101	5	6	R2230.00
Applications Development Project 1	APDP101	5	8	R3720.00
Applications Development 1B	APDB101	5	6	R5420.00
IT Logic & Technology IIB	ILGB201	5	8	R880.00
Skills Development IIB	SKDB201	5	8	R880.00
TOTAL				**R13130.00**
TOTAL CREDITS SEMESTER 1&2			**72**	
Third Year Curriculum				
Semester One				
Business Fundamentals II	BFND201	6	12	R3490.00
Mobile Computing IIA	MCPA201	6	8	R2680.00
Information Systems IIA	ISYA201	6	8	R2680.00
Applications Development IIA	APDA201	6	12	R3720.00
Information Management IIA	INMA201	6	8	R2680.00
IT Project Management	ITPM101	6	12	R3720.00
TOTAL				**R18970.00**
Semester Two				
Community Engagement Project	CMEP101	6	8	R2600.00
Mobile Computing IIB	MCPB201	6	12	R4090.00
Information Systems IIB	ISYB201	6	8	R2680.00
Applications Development IIB	APDB201	6	12	R3720.00
Information Management IIB	INMB201	6	8	R2680.00
Applications Development Project II	APDP201	6	12	R3720.00
TOTAL				**R19490.00**
TOTAL CREDITS SEMESTER 1&2			**120**	
Fourth Year Curriculum				
Semester One				
Information Systems IIIA	ISYA301	6	12	R2680.00
Applications Development IIIA	APDA301	6	12	R4090.00
Applications Development Project IIIA	ADPA301	6	12	R3720.00
Human Computer Interaction	HCIN101	6	12	R2680.00
Theory of ICT Professional Practice III	TIPP301	6	12	R2680.00
TOTAL				**R15850.00**
Semester Two				
Information Systems IIB	ISYB301	6	12	R3720.00
Entrepreneurial Spirit	ENSP101	6	12	R3720.00
Applications Development IIIB	APDB301	6	12	R5570.00
Applications Development Project IIIB	ADPB301	6	24	R7060.00
TOTAL				**R20070.00**
TOTAL CREDITS SEMESTER 1&2			**120**	

Application

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

Application forms

Contact the Central Applications Office (C.A.O)

Address Letters to:

Private Bag X06,
Dalbridge,
4014
Tel: 031 268 4444
Fax: 031 268 2244

OR

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

CAO Codes:

- Diploma in ICT in Applications Development   **DU-D-APD (DBN)**
- Diploma in ICT in Applications Development   **DU-D-APF (4-year Foundation) (DBN)**

Closing Date for Applications: 30 September 2023

For further information:

Contact the Department of Information Technology,

Block B, 2nd Floor,

Ritson Campus
Tel: 031 373 5596
Email: ITdept@dut.ac.za

Financial Aid:

For Financial Aid application for a DUT programme please apply online at www.nsfas.org.za or call the NSFAS call centre on 0860 067 327.

For an explanation on how to fill out the application form, please go to www.nsfas.org.za or contact the call centre on the number above.

Please note that completing a form does not guarantee Financial Aid. For further assistance, please consult the Department of Financial Aid and Scholarships on (031)373 2931/2557/2054.

This leaflet is for information purposes only and is not binding on the Durban University of Technology.