

DIPLOMA IN ICT: **APPLICATIONS DEVELOPMENT (PMB)**
 DIPLOMA IN ICT: **BUSINESS ANALYSIS (PMB)**



DEPARTMENT OF
**FINANCE &
 INFORMATION
 MANAGEMENT**

01 JAN - 31 DEC 2024

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

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

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.

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.

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 | 1 |

| 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% | 1 | 1 |

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:

- The minimum admission requirements stated in DUT general handbook (refer to DUT website for general handbook).
- 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."

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 a 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 at least:
 - 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.

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

NQF Level: 6

SAQA ID: 94697

Qualification Code: DICTAD

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.

Entry Requirements: Diploma in ICT in Applications Development

| NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009) | | SENIOR CERTIFICATE (SC) (PRE- 2009) | | | NATIONAL CERTIFICATE VOCATIONAL (NCV) | |
|--|--------------------|--|----|----|---|------|
| NSC DIPLOMA ENTRY | | SENIOR CERTIFICATE (SC) | | | NCV LEVEL 4 | |
| Compulsory Subjects | NSC Rating Code | Compulsory Subjects | HG | SG | Compulsory Subjects | Mark |
| English Home OR | 3 | English | E | C | At least 50 in three fundamental subjects including English | 50% |
| English 1 st additional | 4 | Mathematics | E | C | | |
| Mathematics OR | 3 | | | | | |
| Mathematics Literacy | 6 | | | | | |
| And TWO 20 credits 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:

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

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.

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

Diploma in ICT in Applications Development Curriculum**First Year Curriculum**

| Name of Modules | Subject Code | HEQSF Level | SAQA Credits | 2023 Fees |
|---------------------------------------|--------------|-------------|--------------|------------------|
| Semester One | | | | |
| Cornerstone 101 | CSTN101 | 5 | 12 | R3580.00 |
| ICT Literacy and Skills | ITLS101 | 5 | 8 | R2240.00 |
| Business Fundamentals I | BSFN101 | 5 | 12 | - |
| Applications Development IA | DEVPI01 | 5 | 12 | R5420.00 |
| Fundamentals of Computer Security | FCSP101 | 5 | 8 | R2380.00 |
| Information Systems I | ISYT101 | 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 I | APDPI01 | 5 | 12 | R3720.00 |
| Applications Development IB | APDB101 | 5 | 12 | R5420.00 |
| Communications Networks I | 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 | CMEPI01 | 6 | 8 | R2600.00 |
| Mobile Computing IIB | MCPB201 | 6 | 12 | R4090.00 |
| Information Systems IIB | BISP202 | 6 | 8 | R2560.00 |
| Applications Development IIB | DEVP202 | 6 | 12 | R3910.00 |
| Information Management IIB | INMT202 | 6 | 8 | R2560.00 |
| Applications Development Project II | APPT202 | 6 | 12 | R3550.00 |
| TOTAL | | | | R18980.00 |
| TOTAL CREDITS SEMESTER 1&2 | | | 120 | |

Third 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 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 Information and Communications Technology: Business Analysis

NQF Level: 6

SAQA ID 97709

Qualification Code: DICTBA

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.

Entry Requirements: Diploma in ICT Business Analysis

| NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009) | | SENIOR CERTIFICATE (SC) (PRE- 2009) | | | NATIONAL CERTIFICATE VOCATIONAL (NCV) | |
|---|-----------------|--|----|----|---|------|
| NSC DIPLOMA ENTRY | | SENIOR CERTIFICATE (SC) | | | NCV LEVEL 4 | |
| Compulsory Subjects | NSC Rating Code | Compulsory Subjects | HG | SG | Compulsory Subjects | Mark |
| English Home OR | 3 | English | E | C | At least 50 in three fundamental subjects including English | 50% |
| English 1 st additional | 4 | Mathematics | E | C | | |
| Mathematics OR | 3 | | | | | |
| Mathematics Literacy | 6 | | | | | |
| And TWO 20 credits 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 as stated above. | 3 | | | | | |

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.

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 Business Analysis Curriculum

First Year Curriculum

| Name of Modules | Subject Code | HEQSF Level | SAQA Credits | 2023 Fees |
|---------------------------------------|--------------|-------------|--------------|------------------|
| Semester One | | | | |
| Cornerstone 101 | CSTN101 | 5 | 12 | R3580.00 |
| ICT Literacy and Skills | ICTL101 | 5 | 8 | R2230.00 |
| Business Fundamentals I | BFND101 | 5 | 12 | R2750.00 |
| Applications Development IA | APDA101 | 5 | 12 | R5570.00 |
| Fundamentals of Computer Security | FCSC101 | 5 | 8 | R2380.00 |
| Me, My world, My Universe | MWMU101 | 5 | 8 | R2230.00 |
| Total | | | | R18740.00 |
| Semester Two | | | | |
| Law for Life | LWLF101 | 5 | 8 | R2230.00 |
| Applications Development IB | APDB101 | 5 | 12 | R5570.00 |
| Financial Accounting I | FINA101 | 5 | 12 | R3990.00 |
| Business Information Systems I | BSAP101 | 5 | 16 | R5500.00 |
| Business Analysis Project I | BSIS101 | 5 | 12 | R3990.00 |
| Total | | | | R21280.00 |
| TOTAL CREDITS SEMESTER 1&2 | | | 120 | |

Second Year Curriculum

| Semester One | | | | |
|--|---------|---|------------|------------------|
| Business Fundamentals II | BFND201 | 6 | 12 | R3990.00 |
| Applications Development IIA | APDA201 | 6 | 12 | R4090.00 |
| Business Analysis IIA | BSAA201 | 6 | 8 | R3440.00 |
| Information Management IIA | INMA201 | 6 | 8 | R2680.00 |
| Computer Apps in Business and Finance II | CABF201 | 6 | 12 | R3990.00 |
| Business Information Systems II | BSIS201 | 6 | 8 | R3440.00 |
| Total | | | | R21630.00 |
| Semester Two | | | | |
| Theory of Internal Auditing II | THIA201 | 6 | 8 | R3630.00 |
| Business Analysis IIB | BSAB201 | 6 | 8 | R3440.00 |
| Applications Development IIB | APDB201 | 6 | 12 | R4090.00 |
| Information Management IIB | INMB201 | 6 | 8 | R2680.00 |
| Business Analysis Project II | BSAP201 | 6 | 12 | R3990.00 |
| IT Project Management | ITPM101 | 6 | 12 | R3720.00 |
| Total | | | | R21550.00 |
| TOTAL CREDITS SEMESTER 1&2 | | | 120 | |

Third Year Curriculum

| Semester One | | | | |
|---|---------|---|------------|------------------|
| Business Analysis IIIA | BSAA301 | 7 | 16 | R5500.00 |
| Business Information Systems IIIA | BISA301 | 7 | 16 | R4820.00 |
| Business Analysis Project IIIA | BAPA301 | 6 | 16 | R5500.00 |
| | | | | R15820.00 |
| Semester Two | | | | |
| Business Analysis IIIB | BSAB301 | 7 | 16 | R5500.00 |
| Business Analysis Project IIIB | BAPB301 | 6 | 20 | R5500.00 |
| Entrepreneurial Spirit | ENSP101 | 6 | 12 | R3720.00 |
| Business Information Systems IIIB | BISB301 | 7 | 12 | R3990.00 |
| Theory of ICT Professional Practice III | TIPP301 | 6 | 12 | R2680.00 |
| TOTAL | | | | R21390.00 |
| 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 (CAO)

Address Letters to:

Private Bag X06
Dalbridge.
4014

Tel: (031) 2684444
Fax: (031) 2682244

OR

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

CAO Code: Diploma in ICT (Applications Development)
Diploma in ICT (Business Analysis)

DU-I-APD (PMB)
DU-I-BUA (PMB)

Closing Date for applications: 30 September 2023

For More Information Contact:

Contact the Department of Finance and Information Management
Durban University of Technology,
Indumiso Campus
PO Box 10111
Scottsville
Pietermaritzburg, 3209
Tel: (033) 845 8862 / (033) 845 8865
Fax: (033) 845 8816

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.