CAREER INFORMATION 2026

BACHELOR OF ENGINEERING TECHNOLOGY IN CIVIL ENGINEERING

DUT
DURBAN UNIVERSITY OF TECHNOLOGY
INYUVESI YASETHEKNIKINI YEZOBUCHWEPHESHE

FACULTY OF ENGINEERING & THE BUILT ENVIRONMENT

DEPARTMENT OF CIVIL ENGINEERING & GEOMATICS

01 JAN - 31DEC 2026

Bachelor of Engineering Technology in Civil Engineering (BEng Tech Civil)

NQF Level: 7

SAQA ID: 98956

Qualification Code: BNCVL1

Location: Steve Biko Campus (S6 Level 3) (Durban)

Description of the Programme

The purpose of the Bachelor of Engineering Technology in Civil Engineering (BEng Tech Civil) is for students to acquire knowledge, understanding, abilities and skills of civil engineering. This combined with a period of post qualification mentored work experience will enable them to become competent practicing civil engineering technologists, able to apply engineering judgement and work independently and responsibly. It also provides students with the preparation required for careers in civil engineering, the ability to make a contribution to the economy and national development, and the educational base required for registration with ECSA as a Professional Engineering Technologist, as well as entry to NQF level 8 programmes, e.g., Honours. The duration of this programme is 3 years full time study. The programme will prepare students for further post graduate studies and research.

Career opportunities

Most Civil Engineering Technologists are employed in Civil engineering planning, designing, consulting or construction.

Entry Requirements

School leaving applicants who wish to enrol for the programme must apply through the CAO system by no later than 30 September of the previous year. The number of students enrolled in the programme is determined by the University and departmental growth policies and a ranking system is used to determine the number of candidates as required.

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
A	8	6
B	7	5

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:

(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 Bachelor's Degree:
"a National Senior Certificate (NSC) as certified by the Council for General and Further Education and Training (Umalusi), with a minimum achievement rating of 3 for English and a minimum achievement rating of 4 in four NSC 20-credit subjects chosen from the NSC designated subject list"

Entry Requirements BET (Civil Engineering)

NATIONAL SENIOR CERTIFICATE (NSC) (01 January 2009)		SENIOR CERTIFICATE (SC) (PRE 2009)			NATIONAL CERTIFICATE (VOCATIONAL) (NCV)	
NSC DEGREE ENTRY		**SENIOR CERTIFICATE (SC)**			**(NCV) LEVEL 4**	
Compulsory Subjects	**NSC Rating Code**	**Compulsory Subjects**	**HG**	**SG**	**Compulsory Subjects**	**Mark**
English	4	English	E	C	English	60%
Mathematics **OR**	4	Mathematics	E	C	Mathematics	70%
Technical Mathematics	5	Physical Science	E	C	Physical Science	70%
Physical Science **OR**	4				Life Orientation	60%
Technical Science	5					
In addition: **THREE** recognized NSC 20 credit subjects as per G7 rule stated above	4					
					In addition, **TWO** other additional vocational subjects at a minimum of 70%.	

NB:
1. NSC Mathematical Literacy will not be accepted as a substitute for the subject NSC Mathematics
2. The exit certificate of the candidate must qualify the candidate for degree study at an institution of higher learning.
3. Applicants with a NSC will be ranked according to the sum of their scores for Mathematics and Physical Science, subject to a minimum combined score of 120%.
4. Prospective applicants may also present an NQF level 6 Diploma in Engineering for entry into the degree programme. A possibility of transfer of credits for cognitive previous studies would be considered dependent on the discipline and nature of the Diploma being presented.
5. This Department only considers First – Second choice CAO applicants.

OR

ADMISSION REQUIREMENTS BASED UPON WORK EXPERIENCE, AGE AND MATURITY

For admission to entry level DEGREE studies:

A person may, subject to such requirements as the Senate may determine, be admitted if such a person is in possession of a National Senior Certificate, Senior Certificate, or an equivalent certificate, but lacks the minimum requirements for admission to the degree provided that:

(a) 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 by a Senate-approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AL) & English for Academic Purposes (EAP) (2,5 hours) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and the person has obtained
(b) A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC).
OR has met
(c) The requirements for Senate discretionary admission (when in possession of the NSC or equivalent), where Senate is satisfied the applicant has shown sufficient academic ability to ensure success, and that the person's standard of communication skills, and/or work experience are such that the person, in the opinion of the Senate, should be able to complete the proposed instructional programme successfully.
(d) The person's application for admission in terms of with 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.

Tuition Fees

To assist you with your planning, the **2025** 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 **2026** fees are not yet finalised

First Year Curriculum

Name of Module	Subject Code	HEQSF Level	SAQA Credits	2026 Fees
Semester One				
Cornerstone 101	CSTN101	5	12	R3910.00
Civil Mechanics 1A	CVMC101	5	8	R4500.00
Drawings 1A	DRNS101	5	12	R6380.00
Engineering Mathematics 1A	EMTA101	5	12	R4810.00
Engineering Physics 1A	EPHA101	5	12	R4810.00
Law for Life	LWLF101	5	8	R2430.00
TOTAL				**R26840.00**
Semester Two				
Civil Engineering Methods 1B	CVMT101	5	12	R4810.00
Engineering Mathematics 1B	EMTB101	5	12	R4810.00
Engineering Physics 1B	EPHB101	5	12	R4810.00
Surveying for Civil Engineering 1B	SRCV101	5	16	R7060.00
Structural Mechanics 1B	STMC101	5	12	R4810.00
Technical Literacy	TECL101	5	8	R3320.00
TOTAL CREDITS SEMESTER 1&2			**136**	
TOTAL				**R29620.00**

Second Year Curriculum

Semester Three				
Civil Engineering Material IIA	CMTL201	6	12	R4810.00
Engineering Mathematics IIA	EMTA201	6	12	R4810.00
Engineering Management IIA	ENMG201	6	8	R3310.00
Structural Mechanics IIA	STMC201	6	12	R4810.00
Transport Technology IIA	TRTA201	6	12	R4810.00
Water Hydraulics IIA	WHYD201	6	12	R4810.00
TOTAL				**R27360.00**
Semester Four				
Engineering Mathematics IIB	EMTB201	6	12	R4810.00
Geotechnical Engineering IIB	GEOT201	6	12	R3800.00
Structural Design Theory Intro IIB	SDTI201	6	16	R6560.00
Structural Analysis IIB	STAN201	6	12	R3800.00
Transport Technology IIB	TRTB201	6	12	R4810.00
Water Hydrology IIB	WHDL201	6	12	R4810.00
TOTAL CREDITS SEMESTER 3&4			**144**	
TOTAL				**R28590.00**

Second Year Curriculum

Semester Five				
CAD Civil Engineering Drawings IIIA	CCED301	7	12	R6310.00
Civil Engineering Documentation IIIA	CEDC301	7	12	R4810.00
Construction Management IIIA	CNMN301	7	12	R4810.00
Reinforced Concrete Design IIIA	RFCD301	7	12	R4810.00
Transport Technology IIIA	TRTA301	7	12	R6560.00
Water Reticulation Design IIIA	WRTD301	7	12	R4810.00
TOTAL				**R32110.00**
Semester Six				
Design Project	DSNP301	7	20	R8110.00
Project Management	PRMA301	7	8	R3800.00
Structural Steel Design IIIB	STSD301	7	12	R4810.00

Transport Technology IIIB	TRTB301	7	12	R4810.00
Water Treatment Technology IIIB	WTRM301	7	12	R4810.00
TOTAL CREDITS SEMESTER 5&6			**136**	
TOTAL				**R26340.00**

NB: The course structure and requisite modules are subject to alteration.

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.

CAO Online Application visit: http://www.cao.ac.za

CAO Contact Details

Private Bag X06
Dalbridge, 4014
Tel: (031) 2684444
Fax: (031) 2684422

CAO Code: DU-D-BNC

Closing date for applications: 30 September 2025

For Further Information

Contact the Department of Civil Engineering and Geomatics Steve Biko Campus (S8 Level 3)
Durban University of Technology P O Box 1334
DURBAN,
4000
Tel: (031) 3732224
Email: samukelem@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 towww.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 is for information purposes only and is not binding on the Durban University of Technology