ENGINEERING COUNCIL OF SOUTH AFRICA	
Standards and Procedures System	
Degrees Accredited as Meeting the Educational Requirement for Registration as a Candidate or Professional Engineering Technologist	**ECSA**

Status: Approved by Technology Programme Accreditation Committee			
Document : E-20-PT	Rev- 8	21 Nov 2012	

1.   Purpose

The graduates of the qualification programmes listed here belonging to that graduating class of the years shown against each programme have satisfied the educational requirement toward registration as a Candidate Engineering Technologist or Professional Engineering Technologist with the Engineering Council of South Africa.

2.   Notes

1. Validity dates for accreditation apply to the year in which the student completes the programme that is the last year in which the student was registered at the university.
2. The accredited degree fulfills only the educational requirement toward registration as Candidate Engineering Technologist or Professional Engineering Technologist: further training and experience is required for professional registration.
3. ECSA Council commenced accreditation of technology qualifications in 1991.
4. The year of the next regular evaluation visit (next general review) is shown against programmes that are currently offered.
5. Provisional Accreditation may be granted to a new degree programme, which has been visited when students have completed half the credits for the degree. A regular accreditation visit is required in the year after the first graduates are produced. ECSA recognises graduates between the year of provisional accreditation and the decision of the first regular accreditation.
6. Where providers offer programmes at different sites, the programmes at every site are evaluated separately. In such cases, the site of delivery is shown against each programme.

Lists for the various universities of technology are found in the Sections shown.

University of Technology	List
Vaal University of Technology (as from 2004, formerly Vaal Triangle Technikon)	3.1
Tshwane University of Technology (formed by the merger of Northern Gauteng and Pretoria Technikon in 2004)	3.2
UNISA (as from 2004, formerly Technikon SA)	3.3
University of Johannesburg (formed by the merger of Technikon Witwatersrand and Rand Afrikaans University (RAU) in 2005)	3.4
Central University of Technology, Free State (as from 2004, formerly Free State Technikon, formerly Technikon Orange Free State)	3.5
Mangosuthu University of Technology (as from 2001, formerly Mangosuthu Technikon)	3.6
Durban University of Technology (as from 2005, formerly Durban Institute of Technology, formed by merger of ML Sultan Technikon and Technikon Natal in 2001)	3.7
Nelson Mandela Metropolitan University (as from 2004, formerly Port Elizabeth Technikon)	3.8
Cape Peninsula University of Technology (formed by the merger of Cape Technikon and Peninsula Technikon in 2005)	3.9
Walter Sisulu University (formed by the merger of Eastern Cape Technikon & Border Technikon in 2005)	3.10

2.1 Sydney Accord Recognition of Accredited Programmes

Engineering programmes listed below have been accredited by ECSA and are recognised as meeting the initial academic requirements for Professional Engineering Technologist in South Africa. International recognition of these programmes is provided through the Sydney Accord, which was signed in 2001.

Signatories to the Sydney Accord have undertaken to make every reasonable effort to ensure that the bodies responsible or registering or licensing engineering technologists to practise in its country or territory mutually recognise the substantial academic equivalence of engineering academic programmes accredited by other Accord signatories.

ECSA was a founding signatory to the Sydney Accord and other signatories are under no formal obligation to recognise the graduates of accredited programmes prior to 2001. Individual Accord signatories recognise accredited programmes gained prior to 2002 at their own discretion.

Further details about the Sydney Accord and details of all current signatories with links to all accreditation listing information can be found at: *www.ieagreements.org*

3. Degree programmes accredited as meeting the educational requirements toward registration as a Professional Engineering Technologist as a result of an accreditation visit

3.1 Vaal University of Technology

Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2004, formerly Vaal Triangle Technikon

Degree and Branch	Site of Delivery	Duration	Accredited		Next Regular Visit
		Year	From	To	
B Tech: Engineering: Chemical	Vanderbijl	1	1996	2013*	2016
B Tech: Engineering: Chemical	Secunda	1	2010*	2013*	2016
B Tech: Engineering: Civil: Structural	Vanderbijl	1	2004	2004**	
B Tech: Engineering: Civil: Structural	Vanderbijl	1	2012	2013	2016
B Tech: Engineering: Civil: Transportation	Vanderbijl	1	2004	2013	2016
B Tech: Engineering: Civil: Urban	Vanderbijl	1	2004	2013	2016
B Tech: Engineering: Civil: Water	Vanderbijl	1	2012	2013	2016
B Tech: Engineering: Electrical	Vanderbijl	1	1996	2013*	2016
B Tech: Engineering: Electrical	Secunda	1	2010	2013*	2016
B Tech: Engineering: Industrial	Vanderbijl	1	1996	2013*	2016
B Tech: Engineering: Mechanical	Vanderbijl	1	1996	2013*	2016
B Tech: Engineering: Metallurgical	Vanderbijl	1	1996	2013*	2016

* end March 2013
** No student intake since 2005

3.2 Tshwane University of Technology

Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: Formed by the merger of Northern Gauteng and Pretoria Technikon in 2004.

Degree and Branch	Site of Delivery	Duration Year	Accredited From	Accredited To	Next Regular Visit
B Tech: Engineering: Chemical	Pretoria	1	2002	2013	2013
B Tech: Engineering: Chemical	Soshanguve	1	1991	2009	
B Tech: Engineering: Civil: Construction Management	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Environmental	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Geotechnical	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Structural	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Transportation	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Urban	Pretoria	1	1991	2013	2013
B Tech: Engineering: Civil: Water	Pretoria	1	1991	2013	2013
B Tech: Engineering: Electrical	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: Clinical	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: Digital Technology	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: Electronic	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: High Frequency Technology	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: Power	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical: Process Instrumentation	Pretoria	1	1996	2013	2013
B Tech: Engineering: Electrical	Soshanguve	1	2000	2009	
B Tech: Engineering: Electrical: Autotronics	Soshanguve	1	2000	2009	
B Tech: Engineering: Electrical: Electronic	Soshanguve	1	2000	2009	
B Tech: Engineering: Electrical: Power	Soshanguve	1	2000	2009	
B Tech: Engineering: Electrical: Telecommunications	Soshanguve	1	2000	2009	
B Tech: Engineering: Electrical	eMalahleni	1	2008	2013	2013
B Tech: Engineering: Industrial	Pretoria	1	1996	2013	2013
B Tech: Engineering: Mechanical	Pretoria	1	1996	2013	2013
B Tech: Engineering: Mechanical: Mechatronics	Pretoria	1	1996	2013	2013
B Tech: Engineering: Metallurgical	Pretoria	1	1996	2013	2013

3.3 UNISA

Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2004, formerly Technikon SA

Degree and Branch	Duration Year	Accredited From	Accredited To	Next Regular Visit
B Tech: Engineering: Chemical (Environmental)	1	2006	2015	2015
B Tech: Engineering: Chemical	1	2000	2015	2015
B Tech: Engineering: Civil: Construction Management	1	2000	2013*	2015
B Tech: Engineering: Civil: Environmental	1	2006	2015	2015
B Tech: Engineering: Civil: Structural	1	2000	2015	2015
B Tech: Engineering: Civil: Transportation	1	2000	2008**	2015

B Tech: Engineering: Civil: Urban	1	2000	2015	2015
B Tech: Engineering: Civil: Water	1	2000	2015	2015
B Tech: Engineering: Electrical	1	2000	2013*	2015
B Tech: Engineering: Electrical: Power Engineering	1	2000	2013*	2015
B Tech: Engineering: Electrical: Telecommunications	1	2000	2013*	2015
B Tech: Engineering: Electrical: Computer Systems	1	2000	2013*	2015
B Tech: Engineering: Electrical: Process Instrumentation	1	2000	2013*	2015
B Tech: Engineering: Electrical: Clinical Engineering	1	2000	2013*	2015
B Tech: Engineering: Electrical: Mechatronics	1	2000	2013*	2015
B Tech: Engineering: Industrial	1	2000	2015	2015
B Tech: Engineering: Mechanical	1	2000	2015	2015
* end March 2013				
** end 2008				

3.4 University of Johannesburg
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: Formed by the merger of Technikon Witwatersrand and Rand Afrikaans University (RAU) in 2005)

Degree and Branch	Site of Delivery	Duration Year	Accredited From	To	Next Regular Visit
B Tech: Engineering: Civil: Construction Management	Doornfontein	1	2000	2016	2016
B Tech: Engineering: Civil: Environmental	Doornfontein	1	2004	2006	
B Tech: Engineering: Civil: Geotechnical	Doornfontein	1	2000	2007	
B Tech: Engineering: Civil: Structural	Doornfontein	1	2000	2016	2016
B Tech: Engineering: Civil: Transportation	Doornfontein	1	2000	2016	2016
B Tech: Engineering: Civil: Urban	Doornfontein	1	2000	2007	
B Tech: Engineering: Civil: Water	Doornfontein	1	2000	2016	2016
B Tech: Engineering: Chemical	Doornfontein	1	1996	2016	2016
B Tech: Engineering: Electrical	Doornfontein	1	1996	May 2013*	2016
B Tech: Engineering: Industrial	Doornfontein	1	1996	2016	2016
B Tech: Engineering: Mechanical	Doornfontein	1	1996	2016	2016
B Tech: Engineering: Metallurgy	Doornfontein	1	1996	2016	2016
B Tech: Engineering: Extraction Metallurgy	Doornfontein	1	1996	2016	2016
B Tech: Engineering: Mining	Doornfontein	1	2002	2016	2016
* Up to end May 2013					

3.5 Central University of Technology, Free State
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2004, formerly Free State Technikon, formerly Technikon Orange Free State

Degree and Branch	Duration Year	Accredited From	To	Next Regular Visit
B Tech: Engineering: Civil: Transportation	1	1996	2013	2013
B Tech: Engineering: Civil: Urban	1	1996	2013	2013
B Tech: Engineering: Civil: Water	1	1996	2013	2013
B Tech: Engineering: Electrical	1	1996	2013	2013
B Tech: Engineering: Mechanical	1	1996	2013	2013

3.6 Mangosuthu University of Technology
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2004, formerly Mangosuthu Technikon

Degree and Branch	Duration Year	Accredited From	Accredited To	Next Regular Visit
B Tech: Engineering: Chemical	1	1996	2013	2013

3.7 Durban University of Technology
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2005, formerly Durban Institute of Technology. As from 2001, merger of ML Sultan Technikon and Technikon Natal

Degree and Branch	Site of Delivery	Duration Year	Accredited From	Accredited To	Next Regular Visit
B Tech: Engineering: Civil; Construction Management	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Civil: Structures	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Civil: Transportation	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Civil: Urban	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Civil: Water	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Civil: Construction Management	Indumiso	1	2010*	2014	2014
B Tech: Engineering: Civil; Transportation	Indumiso	1	2010*	2014	2014
B Tech: Engineering: Civil: Urban	Indumiso	1	2010*	2014	2014
B Tech: Engineering: Civil: Water	Indumiso	1	2010*	2014	2014
B Tech: Engineering: Chemical	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Electrical: Power	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Electrical: Light Current	Steve Biko	1	1996	2014	2014
B Tech: Engineering: Industrial	Steve Biko	1	2000	2014	2014
B Tech: Engineering: Mechanical	Steve Biko	1	1996	2014	2014

* Accredited first time in Sept 2010.

3.8 Nelson Mandela Metropolitan University
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: As from 2004, formerly Port Elizabeth Technikon

Degree and Branch	Duration Year	Accredited From	Accredited To	Next Regular Visit
B Tech: Engineering: Civil: Environmental	1	2000	2003	
B Tech: Engineering: Civil: Transportation	1	2000	2015	2015
B Tech: Engineering: Civil: Urban	1	2000	2015	2015
B Tech: Engineering: Civil: Water	1	2000	2003	
B Tech: Engineering: Electrical	1	1996	2015	2015
B Tech: Engineering: Industrial	1	1996	2015	2015
B Tech: Engineering: Mechanical	1	1996	2015	2015

3.9 Cape Peninsula University of Technology
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: Formed by the merger of Cape Technikon and Peninsula Technikon in 2005

Degree, Branch & Site of Delivery	Site of Delivery	Duration Year	Accredited From	To	Next Regular Visit
B Tech: Engineering: Civil: Construction	Cape Town	1	1996	2012	
B Tech: Engineering: Civil: Structural	Cape Town	1	1996	2012	
B Tech: Engineering: Civil: Urban	Cape Town	1	1996	2012	
B Tech: Engineering: Civil: Construction	Bellville	1	1996	Aug 2013*	2016
B Tech: Engineering: Civil: Structural	Bellville	1	1996	31 Dec 2012**	
B Tech: Engineering: Civil: Transport	Bellville	1	1996	Aug 2013*	2016
B Tech: Engineering: Civil: Water	Bellville	1	1996	Aug 2013*	2016
B Tech: Engineering: Civil: Urban	Bellville	1	1996	Aug 2013*	2016
B Tech: Engineering: Chemical	Cape Town	1	1996	2016	2016
B Tech: Engineering: Chemical	Bellville	1	1996	2016	2016
B Tech: Engineering: Electrical	Cape Town	1	1996	Aug 2013*	2016
B Tech: Engineering: Electrical	Bellville	1	1996	Aug 2013*	2016
B Tech: Engineering: Industrial	Cape Town	1	1991	2012	
B Tech: Engineering: Industrial	Bellville	1	1991	Aug 2013*	2016
B Tech: Engineering: Mechanical	Cape Town	1	1996	2012	
B Tech: Engineering: Mechanical	Bellville	1	1996	2016	2016
B Tech: Engineering: Mechatronics	Bellville	1	2012	Aug 2013*	2016
* Up to end Aug 2013					
** Accreditation withdrawn as of 31 Dec 2012					

3.10 Walter Sisulu University
Degree: Bachelor of Technology: Engineering
Abbreviation: BTech: Engineering
Note: Formed by the merger of Eastern Cape Technikon & Border Technikon in 2005

Degree, Branch	Site of Delivery	Duration Year	Accredited From	To	Next Regular Visit
B Tech: Engineering: Civil: Water	College Street	1	2004	2014	2014
B Tech: Engineering: Civil: Transport	College Street	1	2004	2014	2014
B Tech: Engineering: Electrical	College Street	1	2012	Prov**	
B Tech: Engineering: Mechanical	Chilselhurst	1	2002	2014	2014
B Tech: Engineering: Mechanical	Ibika	1	2002	2005*	
* Up to end Dec					
** Provisional accreditation					

4. Revision History

Version	Date	Revision approved by	Nature of revision
Rev – 1.1	1 June 2010	TPAC	Reformatting existing list into uniform format.
Rev 2	06 December 2010	TPAC	Updating status of progs: DUT,TUT & VUT
Rev 3	29 April 2011	TPAC	Corrections made to DUT BTech Civil (Indumiso Campus)
Rev 4	14 June 2011	TPAC	Updating status of progs: UNISA & CUT
Rev 5	02 August 2011	TPAC	Updating status of progs: DUT
Rev 6	30 November 2011	TPAC	Updating status of progs: MUT, VUT, WSU, TUT, UJ, NMMU
Rev 7	23 May 2012	TPAC	Updating status of VUT & UNISA
Rev 8	21 Nov 2012	TPAC	Updating of status: CPUT, UJ, NMMU & WSU