

**National Diploma Programmes meeting the Educational Requirements towards  
Registration as Professional Engineering Technician**

**and**

**Masters Diploma in Technology offered up to 1996 and  
Bachelor of Technology Degree Programmes meeting the  
Educational Requirements towards  
Registration as Professional Engineering Technologist**

- \* Validity dates for Accreditation apply to the year in which the student completes the Programme.
- \* Council has a separate practical experience requirement for registration as Professional Engineering Technician as well as Professional Engineering Technologist.
- \* Council started with Accreditation of Technikon qualifications in 1991.
- \* The programme descriptions for the **T** study system: National Diploma (Discipline) in Engineering.
- \* Programme description of the **S** study system: National Diploma: Engineering: (Discipline).
- \* BTech is a four-year programme commencing with the first year of National Diploma.
- \* Some Technikons have become Universities of Technology as indicated below

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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<p><b>Vaal University of Technology</b> (as from 2004) (Formerly Technikon Vaal Triangle)</p>
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ND: Engineering: Chemical	3	1991	2011
B Tech: Engineering: Chemical	1	1996	2011
ND: Engineering: Civil	3	1991	2011
B Tech: Engineering: Civil	1	1996	2011
Structural	1	2004	2011
Transportation	1	2004	2011
Urban	1	2004	2011
ND: Engineering: Electrical	3	1991	2011
B Tech: Engineering: Electrical	1	1996	2011
ND: Engineering: Computer Systems	3	2003	2011
ND: Engineering: Industrial	3	1996	2011
B Tech: Engineering: Industrial	1	1996	2011
ND: Engineering: Mechanical	3	1991	2011
B Tech: Engineering: Mechanical	1	1996	2011
ND: Engineering: Metallurgical	3	1991	2011
B Tech: Engineering: Metallurgical	1	1996	2011

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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**Tshwane University of Technology**  
(as from 2004)  
(Merger of Northern Gauteng and Pretoria Technikon)

**Pretoria Campus**

ND: Engineering: Chemical	3	1991	2013
B Tech: Engineering: Chemical	1	2002	2013
ND: Engineering: Metallurgical	3	1991	2013
B Tech: Engineering: Metallurgical	1	1996	2013
ND: Engineering: Civil	3	1991	Sep-10
B Tech: Engineering: Civil:			
Construction Management	1	1991	Sep-10
Environmental	1	1991	Sep-10
Geotechnical	1	1991	Sep-10
Structural	1	1991	2013
Transportation	1	1991	Sep-10
Urban	1	1991	Sep-10
Water	1	1991	2013
ND: Engineering: Electrical	3	1991	2010
Clinical	3	1991	2010
Computer Systems	3	2005	Oct-10
Digial Technology	3	1991	2010
Double Diploma	3	1991	2010
Electronic	3	1991	2010
High Frequency Technology	3	1991	2010
Power	3	1991	2010
Process Instrumentation	3	1991	2010
B Tech: Engineering: Electrical	1	1996	2010
Clinical	1	1996	2010
Digial Technology	1	1996	2010
Electronic	1	1996	2010
High Frequency Technology	1	1996	2010
Power	1	1996	2010
Process Instrumentation	1	1996	2010
ND: Engineering: Industrial	3	1991	2013
B Tech: Engineering: Industrial	1	1996	2013
ND: Engineering: Mechanical	3	1991	2013
Manufacturing	3	1991	2013
Mechanical Design	3	1991	2013
ND: Engineering: Mechatronic	3		2013
B Tech: Engineering: Mechanical	1	1996	2013

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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### Soshanguve South Campus (Northern Gauteng)

ND: Engineering: Chemical	3	1991	2009
ND: Engineering: Chemical	3	2004	2009
B Tech: Engineering: Chemical	1	1991	2009
ND: Engineering: Civil	3	1991	2009
ND: Engineering: Electrical	3	1991	2010
Autotronics	3	1991	2010
Electronic	3	1991	2010
Power	3	1991	2010
Telecommunications	3	1991	2010
B Tech: Engineering: Electrical	1	2000	2009
Autotronics	3	2000	2009
Electronic	3	2000	2009
Power	3	2000	2009
Telecommunications	3	2000	2009
ND: Engineering: Mechanical	3	1991	2009
Automotive	3	1991	2009
Component Manufacturing	3	1991	2009

### Nelspruit Campus

ND: Engineering: Electrical		2005	Jun-10
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### eMalahleni Campus

ND: Engineering: Electrical	3	2008	Jun-10
B Tech: Engineering: Electrical	1	2008	Jun-10

### UNISA (as from 2004) (Formerly Technikon SA)

ND: Engineering: Chemical	3	2000	2011
B Tech: Engineering: Chemical (Environmental)	1	2006	2011
B Tech: Engineering: Chemical	1	2000	2011
ND: Engineering: Civil	3	2000	2011
B Tech: Civil Environmental Engineering	1	2006	Provisional
B Tech: Engineering: Civil	1	2000	2011
Construction Management	1	2000	2011
Structural	1	2000	2011
Transportation	1	2000	2011
Urban	1	2000	2011
Water	1	2000	2011
ND: Engineering: Electrical	3	2000	2011
Power Engineering	3	2000	2011
Telecommunications	3	2000	2011

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)	
	Computer Systems	3	2000	2011
	Process Instrumentation	3	2000	2011
	Clinical Engineering	3	2000	2011
	Mechatronics	3	2000	2011
B Tech: Engineering:	Electrical	1	2000	2011
	Power Engineering	1	2000	2011
	Telecommunications	1	2000	2011
	Computer Systems	1	2000	2011
	Process Instrumentation	1	2000	2011
	Clinical Engineering	1	2000	2011
	Mechatronics	1	2000	2011
ND: Engineering:	Industrial	3	2000	2011
B Tech: Engineering:	Industrial	1	2000	2011
ND: Engineering:	Mechanical	3	2000	2011
B Tech: Engineering:	Mechanical	1	2000	2011
ND: Engineering:	Mining	3	2000	2011
ND: Engineering:	Coal Mining	3	2000	2011
ND: Engineering:	Mining (Metalliferous)	3	2000	2011
ND: Engineering:	Surface Mining	3	2000	2011

\* Provisional Accreditation

**University of Johannesburg**  
(as from 2005)  
(Merger of Technikon Witwatersrand and Rand Afrikaans University (RAU)  
(Refer to PE 80 Accredited University Degrees))

**Doornfontein Campus (Formerly Wits Tech)**

ND: Engineering:	Civil	3	1991	2011
B Tech: Engineering:	Civil			
	Construction Management	1	2000	2011
	Environmental	1	2004	2006
	Geotechnical	1	2000	2011
	Structural	1	2000	2011
	Transportation	1	2000	2011
	Urban	1	2000	2011
	Water	1	2000	2011
ND: Engineering:	Chemical	3	1991	2011
B Tech: Engineering:	Chemical	1	1996	2011
ND: Engineering:	Computer Systems	3	2002	2011
ND: Engineering:	Electrical	3	1991	2011
B Tech: Engineering:	Electrical	1	1996	2011
ND: Engineering:	Industrial	3	1991	2011
B Tech: Engineering :	Industrial	1	1996	2011
ND: Engineering:	Mechanical	3	1991	2011
B Tech: Engineering:	Mechanical	1	1996	2011

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
ND: Engineering: Metallurgical	3	1991	2011
B Tech: Engineering: Metallurgical	1	1996	2011
ND: Extraction Metallurgy	3	1991	2011
B Tech: Extraction Metallurgy	1	1996	2011
ND: Engineering: Coal Mining	3	2002	2011
ND: Engineering: Metalliferous Mining	3	2002	2011
ND: Engineering: Mining	3	2002	2011
B Tech: Engineering: Mining	1	2002	2011

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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**Central University of Technology, Free State**  
(as from 2004)  
(Formerly Free State Technikon, formerly Technikon Orange Free State)

ND: Engineering: Civil	3	1991	Jun-10
B Tech: Engineering: Civil	1	1996	Jun-10
Transportation	1	1996	Jun-10
Urban	1	1996	Jun-10
Water	1	1996	Jun-10
ND: Engineering: Electrical	3	1991	2013
B Tech: Engineering: Electrical	1	1996	Jun-10
ND: Engineering: Computer Systems	3	2004	2013
ND: Engineering: Mechanical	3	1991	Jun-10
B Tech: Engineering: Mechanical	1	1996	Jun-10

**Mangosuthu University of Technology**

ND: Engineering: Civil	3	1991	Jun-10
ND: Engineering: Chemical	3	1991	Jun-10
B Tech: Engineering: Chemical	1	1996	Jun-10
ND: Engineering: Electrical	3	1991	Jun-10
ND: Engineering: Mechanical	3	1996	2013

**Durban University of Technology (as from 2005)**  
Formerly Durban Institute of Technology (as from 2001) Merger of ML Sultan Technikon and  
Technikon Natal

**Steve Bisho Campus**

ND: Engineering: Civil	3	1991	2010
B Tech: Engineering: Civil	1	1996	2010
ND: Engineering: Chemical	3	1991	2010
B Tech: Engineering: Chemical	1	1996	2010
ND: Engineering: Electrical	3	1991	2010
B Tech: Engineering: Electrical	1	1996	2010
ND: Engineering: Industrial	3	1996	2010
B Tech: Engineering: Industrial	1	2000	2010
ND: Engineering: Mechanical	3	1991	2010
B Tech: Engineering: Mechanical	1	1996	2010

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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<b>Indosmiso Campus</b>
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ND: Engineering: Civil	3	2001	2010
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<b>Nelson Mandela Metropolitan University (as from 2004) (Formerly PE Technikon)</b>
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ND: Engineering: Civil	3	1991	2011
B Tech: Engineering: Civil	1	1996	2011
Environmental	1	2004	2011
Transportation	1	2004	2011
Urban	1	2004	2011
Water	1	2004	2011

ND: Engineering: Electrical	3	1991	2011
B Tech: Engineering: Electrical	1	1996	2011

ND: Engineering: Industrial	3	1991	2011
B Tech: Engineering: Industrial	1	1996	2011

ND: Engineering: Mechanical	3	1991	2011
B Tech: Engineering: Mechanical	1	1996	2011

ND: Engineering: Metallurgical	3	1991	2000
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<b>Cape Peninsula University of Technology (as from 2005) (Merger of Cape Technikon and Peninsula Technikon)</b>
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<b>Cape Town Campus (formerly Cape Technikon)</b>
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ND: Engineering: Civil	3	1991	2012
B Tech: Engineering: Civil	1	1996	2012
Construction	1	1996	2012
Structural	1	1996	2010
Urban	1	1996	2012

ND: Engineering: Chemical	3	1991	2012
B Tech: Engineering: Chemical	1	1996	2012

ND: Computer Systems	3	2004	2012
ND: Engineering: Electrical	3	1991	2012
B Tech: Engineering: Electrical	1	1996	2012

ND: Engineering: Industrial Engineering	3	1991	2012
B Tech: Engineering: Industrial	1	1991	2012

ND: Engineering: Mechanical	3	1991	2012
B Tech: Engineering: Mechanical	1	1996	2012

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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<b>Bellville Campus</b> (formerly Peninsula Technikon)
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ND: Engineering: Civil	3	1991	2012
B Tech: Engineering: Civil	1	1996	2012
ND: Engineering: Chemical	3	1996	2012
B Tech Engineering: Chemical	1	1996	2012
ND: Engineering: Electrical	3	1991	2012
B Tech: Engineering: Electrical	1	1996	2012
ND: Engineering: Mechanical	3	1991	2012
B Tech: Engineering: Mechanical	1	1996	2012

<b>Walter Sisulu University</b> (as from 2005) (Merger of Eastern Cape Technikon & Border Technikon)
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<b>Chiselhurst Campus</b> (formerly Eastern Cape Technikon, East London Campus)
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ND: Engineering: Civil	3	1996	2005*
B Tech: Engineering: Civil	1	2002	2009
Transportation	1	2002	2009
Water	1	2002	2009
ND: Engineering: Electrical	3	1996	2005*
ND: Engineering: Electrical	3	2006	2007
ND: Engineering: Mechanical	3	1996	2010
B Tech: Engineering: Mechanical	1	2002	2010

\* Up to end of June

<b>Ibaka N2 Campus</b> (formerly Eastern Cape Technikon, Butterworth Campus)
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ND: Engineering: Civil	3	1996	2005*
ND: Engineering: Civil	3	2006	2009
B Tech: Engineering: Civil	1	2002	2006
Transportation	1	2002	2006
Water	1	2002	2006
ND: Engineering: Electrical	3	1996	2005*
ND: Engineering: Electrical	3	2006	2007
ND: Engineering: Mechanical	3	1996	2010
B Tech: Engineering: Mechanical	1	2002	2005*

\* Up to end of June

<b>Buffalo City Campus</b> (formerly Border Technikon)
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ND: Engineering: Civil	3	2005	2009
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Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
ND: Engineering: Electrical	3	2000	2009
ND: Engineering: Mechanical	3	2004	2009