

**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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Vaal University of Technology (as from 2004) (Formerly Technikon Vaal Triangle)
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ND: Engineering: Chemical	3	1991	2007
B Tech: Engineering: Chemical	1	1996	2007
ND: Engineering: Civil	3	1991	2007
B Tech: Engineering: Civil	1	1996	2007
Structural	1	2004	2007
Transportation	1	2004	2007
Urban	1	2004	2007
ND: Engineering: Electrical	3	1991	2007
B Tech: Engineering: Electrical	1	1996	2007
ND: Engineering: Computer Systems	3	2003	2007
ND: Engineering: Industrial	3	1996	2007
B Tech: Engineering: Industrial	1	1996	2007
ND: Engineering: Mechanical	3	1991	2007
B Tech: Engineering: Mechanical	1	1996	2007
ND: Engineering: Metallurgical	3	1991	2007
B Tech: Engineering: Metallurgical	1	1996	2007

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)

Arcadia Campus

ND: Engineering: Chemical	3	1991	2009
B Tech: Engineering: Chemical	1	2002	2009

ND: Engineering: Metallurgical	3	1991	2009
B Tech: Engineering: Metallurgical	1	1996	2009

Rand Campus

ND: Engineering: Civil	3	1991	2009
B Tech: Engineering: Civil	1	1991	2009
Construction Management	1	1991	2009
Environmental	1	1991	2009
Geotechnical	1	1991	2009
Structural	1	1991	2009
Transportation	1	1991	2009
Urban	1	1991	2009
Water	1	1991	2009

ND: Engineering: Electrical	3	1991	2009
Clinical	3	1991	2009
Computer Systems	3	2005	2009
Digital Technology	3	1991	2009
Double Diploma	3	1991	2009
Electronic	3	1991	2009
High Frequency Technology	3	1991	2009
Power	3	1991	2009
Process Instrumentation	3	1991	2009
B Tech: Engineering: Electrical	1	1996	2009
Clinical	1	1996	2009
Digital Technology	1	1996	2009
Electronic	1	1996	2009
High Frequency Technology	1	1996	2009
Power	1	1996	2009
Process Instrumentation	1	1996	2009

ND: Engineering: Industrial	3	1991	2009
B Tech: Engineering: Industrial	1	1996	2009

ND: Engineering: Mechanical	3	1991	2009
Manufacturing	3	1991	2009
Mechanical Design	3	1991	2009
ND: Engineering: Mechatronic	3		Provisional
B Tech: Engineering: Mechanical	1	1996	2009

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	2001
ND: Engineering: Chemical	3	2004	2009
B Tech: Engineering: Chemical	1	1991	2001
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ND: Engineering: Civil	3	1991	2009
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ND: Engineering: Electrical	3	1991	2009
Autotronics	3	1991	2009
Electronic	3	1991	2009
Power	3	1991	2009
Telecommunications	3	1991	2009
B Tech: Engineering: Electrical	1	2000	2009
Autotronics	3	2000	2009
Electronic	3	2000	2009
Power	3	2000	2009
Telecommunications	3	2000	2009
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ND: Engineering: Mechanical	3	1991	2005
Automotive	3	1991	2005
Component Manufacturing	3	1991	2005

UNISA (as from 2004) (Formerly Technikon SA)

ND: Engineering: Chemical	3	2000	2007
B Tech: Engineering: Chemical (Environmental)	1	2006	2008*
B Tech: Engineering: Chemical	1	2000	2007
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ND: Engineering: Civil	3	2000	2007
B Tech: Civil Environmental Engineering	1	2006	2008*
B Tech: Engineering: Civil	1	2000	2006
Construction Management	1	2000	2007
Structural	1	2000	2007
Transportation	1	2000	2006
Urban	1	2000	2007
Water	1	2000	2007
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ND: Engineering: Electrical	3	2000	2007
Power Engineering	3	2000	2007
Telecommunications	3	2000	2007
Computer Systems	3	2000	2007
Process Instrumentation	3	2000	2007
Clinical Engineering	3	2000	2007
Mechatronics	3	2000	2007
B Tech: Engineering: Electrical	1	2000	2007
Power Engineering	1	2000	2007
Telecommunications	1	2000	2007
Computer Systems	1	2000	2007

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
Process Instrumentation	1	2000	2007
Clinical Engineering	1	2000	2007
Mechatronics	1	2000	2007
ND: Engineering: Industrial	3	2000	2007
B Tech: Engineering: Industrial	1	2000	2007
ND: Engineering: Mechanical	3	2000	2007
B Tech: Engineering: Mechanical	1	2000	2007
ND: Engineering: Mining	3	2000	2007
ND: Engineering: Coal Mining	3	2000	2006
ND: Engineering: Mining (Metalliferous)	3	2000	2006
ND: Engineering: Surface Mining	3	2000	2007

* 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	2007
B Tech: Engineering: Civil			
Construction Management	1	2000	2007
Environmental	1	2004	2006
Geotechnical	1	2000	2007
Structural	1	2000	2007
Transportation	1	2000	2007
Urban	1	2000	2007
Water	1	2000	2007
ND: Engineering: Chemical	3	1991	2007
B Tech: Engineering: Chemical	1	1996	2007
ND: Engineering: Computer Systems	3	2002	2007
ND: Engineering: Electrical	3	1991	2007
B Tech: Engineering: Electrical	1	1996	2007
ND: Engineering: Industrial	3	1991	2007
B Tech: Engineering : Industrial	1	1996	2007
ND: Engineering: Mechanical	3	1991	2007
B Tech: Engineering: Mechanical	1	1996	2007
ND: Engineering: Metallurgical	3	1991	2007
B Tech: Engineering: Metallurgical	1	1996	2007
ND: Extraction Metallurgy	3	1991	2007
B Tech: Extraction Metallurgy	1	1996	2007
ND: Engineering: Coal Mining	3	2002	2006

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
ND: Engineering: Metalliferous Mining	3	2002	2006

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
ND: Engineering: Mining	3	2002	2007
B Tech: Engineering: Mining	1	2002	2007

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	2009
B Tech: Engineering: Civil	1	1996	2009
Transportation	1	1996	2009
Urban	1	1996	2009
Water	1	1996	2009
ND: Engineering: Electrical	3	1991	2009
B Tech: Engineering: Electrical	1	1996	2009
ND: Engineering: Computer Systems	3	2004	2009
ND: Engineering: Mechanical	3	1991	2009
B Tech: Engineering: Mechanical	1	1996	2009

Technikon Mangosuthu

ND: Engineering: Civil	3	1991	2009
ND: Engineering: Chemical	3	1991	2009
B Tech: Engineering: Chemical	1	1996	2009
ND: Engineering: Electrical	3	1991	2009
ND: Engineering: Mechanical	3	1996	2009

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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Indosmiso Campus

ND: Engineering: Civil	3	2001	2010
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Nelson Mandela Metropolitan University (as from 2004) (Formerly PE Technikon)
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ND: Engineering: Civil	3	1991	2007
B Tech: Engineering: Civil	1	1996	2007
Environmental	1	2004	2007
Transportation	1	2004	2007
Urban	1	2004	2007
Water	1	2004	2007

ND: Engineering: Electrical	3	1991	2007
B Tech: Engineering: Electrical	1	1996	2007

ND: Engineering: Industrial	3	1991	2007
B Tech: Engineering: Industrial	1	1996	2007

ND: Engineering: Mechanical	3	1991	2007
B Tech: Engineering: Mechanical	1	1996	2007

ND: Engineering: Metallurgical	3	1991	2000
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Cape Peninsula University of Technology (as from 2005) (Merger of Cape Technikon and Peninsula Technikon)
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Cape Town Campus (formerly Cape Technikon)

ND: Engineering: Civil	3	1991	2009
B Tech: Engineering: Civil	1	1996	2009
Construction	1	1996	2009
Structural	1	1996	2009
Urban	1	1996	2009

ND: Engineering: Chemical	3	1991	2009
B Tech: Engineering: Chemical	1	1996	2009

ND: Computer Systems	3	2004	2009
ND: Engineering: Electrical	3	1991	2009
B Tech: Engineering: Electrical	1	1996	2009

ND: Engineering: Industrial Engineering	3	1991	2009
B Tech: Engineering: Industrial	1	1991	2009

ND: Engineering: Mechanical	3	1991	2009
B Tech: Engineering: Mechanical	1	1996	2009

Educational Institution Qualification and Branch	Course duration (year)	Accredited From	Accredited Until (inclusive)
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Bellville Campus (formerly Peninsula Technikon)

ND: Engineering: Civil	3	1991	2008
B Tech: Engineering: Civil	1	1996	2008
ND: Engineering: Chemical	3	1996	2008
B Tech Engineering: Chemical	1	1996	2008
ND: Engineering: Electrical	3	1991	2008
B Tech: Engineering: Electrical	1	1996	2008
ND: Engineering: Mechanical	3	1991	2008
B Tech: Engineering: Mechanical	1	1996	2008

Walter Sisulu University

(as from 2005)

(Merger of Eastern Cape Technikon & Border Technikon)

Chiselhurst Campus (formerly Eastern Cape Technikon, East London Campus)

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

Ibaka N2 Campus (formerly Eastern Cape Technikon, Butterworth Campus)

ND: Engineering: Civil	3	1996	2005*
ND: Engineering: Civil	3	2006	2007
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

Buffalo City Campus (formerly Border Technikon)

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