

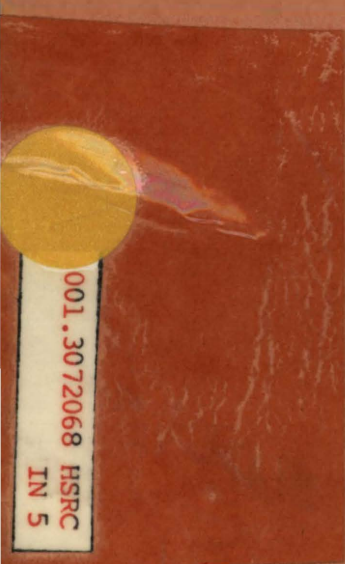


**HUMANITAS
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evaluation of south african and foreign educational qualifications

human sciences research council



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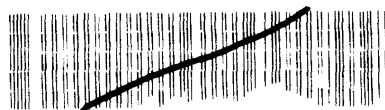
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MAN AND FOREIGN
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SPECIAL SERVICES
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PREFACE

This publication replaces Report No. IN5. It is essential to destroy all previous lists of evaluations and to use only the present publication as an aid in the evaluation of qualifications which appear therein.

It should be noted that where Standard Ten is mentioned in this publication it refers to the final school examination which is written on completion of the secondary school course. An evaluation of Standard Ten or higher does not imply exemption from the requirements of the Joint Matriculation Board for Matriculation exemption. When this is required, the Secretary of the Joint Matriculation Board, P.O. Box 3854, Pretoria, should be approached.

It should be noted that for teachers' salary purposes education departments in the Republic of South Africa carry out their own evaluation of qualifications. Persons wishing to be admitted to the teaching profession should submit their certificates and diplomas for evaluation to the education department concerned.

Evaluations as indicated bear no reference to exemption from any examination.


PRESIDENT

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EVALUATION OF QUALIFICATIONS

GENERAL

Criteria for evaluation

The following general criteria are taken into account:

1. Qualifications required for admission to the course of study.
2. The status of the institution issuing the certificate e.g. university, technical college, trade school.
3. Duration of the course (full-time or part-time).
4. Contents of the course and examination requirements (e.g. curriculum of the course, standard of subjects included).
5. Research or thesis required for degree or diploma.
6. Recognition accorded to the qualification in the country of origin.

Evaluation of qualifications issued by professional institutes

The following are the accepted principles under this heading:

1. Every criterion usually considered in the evaluation of diplomas and certificates, cannot always be applied to every diploma and certificate. Consequently only those criteria which are applicable are taken into account; the important factor, however, remains the actual standard which is attained.
2. Recognition is accorded only to certificates/diplomas which are issued on the successful completion of an examination.
3. Membership obtained through experience, payment of fees, honorary membership, etc. and which is not acquired by virtue of an examination, is not regarded as an academic qualification and no additional recognition may be awarded to it.

Evaluation of South African university qualifications

General Principles

1. The actual number of years of full-time study at a university as well as the contents of the syllabus serve as the basis for the assessment of these certificates.
2. Degrees:
 - (a) Bachelor's degree
The recognition which a Bachelor's degree receives, will be equal to the minimum number of years after matriculation in which the specific degree can be attained at any South African university.
 - (b) The Honours degree or the examination part of the Master's degree
An Honours degree will receive recognition if it follows a first Bachelor's degree. (See Par. 2(a)). One additional year's recognition is accorded.
 - (c) Master's degree
The evaluation of a Master's degree is as follows:
 - (i) After a recognised three-year Bachelor's degree, 2 years additional.
 - (ii) After a recognised Honours degree, 1 year additional.However, no Master's degree will be evaluated higher than Std. 10 + 6 years.

- (d) Doctor's degree
 Master's degree plus 2 years.

3. Diplomas:

- (a) Post-standard 10 diplomas

The same principle applies as in the case of the Bachelor's degree, provided that no diploma will receive higher recognition than the corresponding Bachelor's degree.

- (b) Post-graduate diplomas

If the diploma requires one or more years post-graduate study, recognition for one additional year is granted.

4. More than one degree or diploma on the same level:

Recognition for one additional year will be granted to a second degree or diploma on the same level as a previous degree or diploma provided that the second degree or diploma included at least 50% new courses.

5. Medical and dental degrees and diplomas are not included in the above.

6. Uncompleted courses:

Recognition will be granted to uncompleted university degrees/diplomas, if the candidate has completed the total number of courses for the specific year according to university regulations, provided however, that recognition thus obtained is at least one year less than the minimum number of years in which the degree/diploma can be attained in South Africa.

Evaluation of qualifications of foreign universities

1. The general principles for the evaluation of qualifications of South African universities apply.
2. Doctor's degrees of certain foreign countries are therefore equated to South African Master's degrees.
3. Should a holder of a Doctor's degree which has been equated to a South African Master's degree, so desire, consideration may be given for the submission of his thesis to two independent South African specialists in the particular field of study. If these specialists agree that the thesis is of the same standard of work and study as that required for a Doctor's degree at a South African university, the foreign Doctor's degree will be equated to a South African Doctor's degree.

The value of certificates and diplomas of private institutions

The statements and/or certificates regarding Standards Six, Seven, Eight and Nine, as issued by registered private schools, will be evaluated according to the requirements of the province in which the School is situated.

1. REPUBLIC OF SOUTH AFRICA

1.1 DEPARTMENT OF NATIONAL EDUCATION

1.1.1 TECHNICAL TRAINING

National Std. VI Certificate	Std. 6
National Technical Std. VII Certificate	Std. 7 (Technical)
National Junior Certificate (Technology)	Std. 8 (Technical)
National Intermediate Certificate (Technology)	Std. 9 (Technical)
National Senior Certificate (Matriculation Exemption)	Std. 10
Elementary Technical Certificate	Std. 7) level attained
National Technical Certificate 1	Std. 8) in the subjects

National Technical Certificate 2	Std. 9) concerned
National Technical Certificate 3	Std. 10
National Technical Certificate 4	Std. 10 + 1 year
Formerly: Advanced Technical Certificate 1	
National Technical Certificate 5	Std. 10 + 1 year
Formerly: Advanced Technical Certificate 2	
National Certificate for Technicians	Std. 10 + 2 years
(Telecommunication - Automatic Exchanges)	
(Telecommunication - Carrier Stations)	
(Telecommunication - Drawing Offices)	
(Telecommunication - Outdoor Construction)	
(Telecommunication - Outstations)	
(Telecommunication - Radio)	
(Telecommunication - Telegraphy)	
(Telecommunication - Urban Subscriber connection)	
(Telecommunication - Workshops)	
National Certificate for Technicians	
(Mine Assayers)	Std. 10 + 2 years
(Mine Surveyors)	Std. 10 + 2 years
(Metalliferous Mining)	Std. 10 + 1 year
National Certificate in Sugar Technology	Std. 10 + 2 years
Formerly: National Certificate for Technicians	
(Sugar Technique)	
National Technical Diploma	Std. 10 + 2 years
Formerly: National Engineering Diploma	
National Diploma for Technicians	Std. 10 + 3 years
(Mechanical Engineering)	
National Diploma for Technicians	Std. 10 + 3 years
(Electrical Engineering - Heavy Current)	
National Diploma for Technicians	Std. 10 + 3 years
(Electronic Engineering)	
National Diploma for Technicians	Std. 10 + 3 years
(Radio Engineering)	
National Diploma for Technicians	Std. 10 + 3 years
(Aeradio)	
National Diploma for Technicians	Std. 10 + 3 years
(Analytical Chemistry)	
(Biochemistry)	
(Chemistry - Plant Operation)	
National Diploma for Technicians	Std. 10 + 3 years
(Medical Laboratory Technique)	
Formerly: National Diploma in Medical Technology	
National Diploma for Technicians	Std. 10 + 3 years
(Telecommunication - Mechanical Engineering)	
(Telecommunication - Electrical Engineering)	
National Diploma for Technicians - Draughts-	
manship/Surveying	Std. 10 + 3 years
(Draughtsmanship - Building)	
(Draughtsmanship - Cartography)	
(Draughtsmanship - Civil)	
(Draughtsmanship - Mechanical)	
(Draughtsmanship - Town Planning)	

(Surveying - Cadastral)	
(Surveying - Engineering)	
(Surveying - Geodetic)	
(Surveying - Topographical)	
Nasional Diploma for Technicians - Laboratory (Chemistry) (Soil Mechanics/Materials Testing) (Pathology/Microbiology)	Std. 10 + 3 years
Nasional Diploma for Technicians - Agriculture (Field Services - Inspection Services, Botany) (Field Services - Extension and Soil Conservation) (Field Services - Inspection Services, Zoology) (Mechanization) (Research - Botany) (Research - Zoology)	Std. 10 + 3 years
Nasional Diploma for Technicians - Meteorology	Std. 10 + 3 years
Nasional Diploma for Technicians - Mining (Assaying and Metallurgical Analysis) (Metalliferous Mining) (Metallurgy) (Reduction Workers) (Coal Mining)	Std. 10 + 3 years Std. 10 + 3 years Std. 10 + 3 years Std. 10 + 3 years Std. 10 + 2 years
Higher Nasional Diploma for Technicians	Std. 10 + 4 years

1.1.2 COMMERCE

Nasional Std. VI Certificate	Std. 6
Nasional Std. VII Certificate	Std. 7
Nasional Junior Certificate	Std. 8
Nasional Intermediate Certificate	Std. 9
Nasional Commercial Certificate	Std. 9
Nasional Senior Certificate (General)	Std. 10
Nasional Senior Certificate (Exemption - part-time or full-time)	Std. 10
Nasional Senior Certificate (Art Group)	Std. 10
Nasional Secretarial Certificate (up to 1968)	Std. 10
Nasional Diploma in Commerce (up to 1968)	Std. 10 + 1 year
Nasional Secretarial Certificate (after 1968)	Std. 10 + 1 year
Nasional Secretarial Diploma (after 1968)	Std. 10 + 2 years
Nasional Diploma in Commerce (after 1968)	Std. 10 + 3 years

1.1.3 DOMESTIC SCIENCE

Practical Domestic Science Certificate	None
Nasional Std. VI Certificate	Std. 6
Nasional Std. VII Certificate	Std. 7
Nasional Std. VIII (Junior) Certificate	Std. 8
Nasional Std. IX (Intermediate) Certificate	Std. 9
Nasional Std. X (Senior) Certificate	Std. 10
Nasional Housemother Certificate (Intermediate)	Std. 8 + 1 year training in specific subjects
Nasional Housemother Certificate (Senior)	Std. 8 + 2 years training in specific subjects

1.1.4 GENERAL

Nasional Diploma in Archival Science	1 year additional with a minimum of Std. 10 + 4 years
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	National Diploma in Fine Arts with Sculpture and Modelling as the Major Subjects <u>plus</u>	
	National Art Teachers' Diploma—Sculpture Group	Std. 10 + 4 years
	National Diploma for Construction Supervisors	Std. 10 + 2 years
	National Diploma in Physiotherapy	Std. 10 + 3 years
	National Diploma for Health Inspector	Std. 10 + 2 years
	National Diploma in Industrial Administration	Std. 10 + 1 year
	National Diploma for Inspectors of Works (Building)	Std. 10 + 2 years
	National Diploma for Cost Accountants	Std. 10 + 3 years
	National Diploma in Public Health Nursing	1 year additional
	National Diploma in Organisation and Method Study	Std. 10 + 3 years
	National Diploma for Orthopaedic Technicians	Std. 10 + 3 years
	National Certificate for Orthopaedic Technicians	Std. 8 + 3 years (Std. 10 + 1 year)
	National Diploma in Radiography	
	(a) Diagnostic	Std. 10 + 2 years
	(b) Therapeutic	Std. 10 + 2 years
	(c) Diagnostic and Therapeutic	Std. 10 + 3 years
	National Diploma in Deeds Registration	Std. 10 + 3 years
	National Diploma in State Administration	Std. 10 + 3 years
	National Diploma in Tourism	Std. 10 + 3 years
	National Diploma in Tropical Hygiene	1 year additional
	National Certificate in Supervisory Management	1 year additional
	National Diploma in Safety Management	Std. 10 + 3 years
1.2	DEPARTMENT OF NATIONAL EDUCATION, ASSIZE BOARD AND THE PUBLIC SERVICE COMMISSION	
	National Examinations in Assizing	Std. 10 + 3 years
1.3	DEPARTMENT OF HEALTH	
	Basic training as Nurse	(a) Std. 10 + 3 years in the event of persons who were in possession of the Std. 10 certificate at the time of their passing the examination.
		(b) Std. 10 + 2 years in the event of persons who were in possession of the Std. 8 certificate and had successfully completed a pre-nursing course.
	Basic training as Nurse in Psychiatry	(a) Std. 10 + 3 years in the event of persons who were in possession of the Std. 10 certificate at the time of their passing the examination.
		(b) Std. 10 + 2 years in the event of persons who were in possession of the Std. 8 certificate and had successfully completed a pre-nursing course.

1.4	DEPARTMENT OF FORESTRY	
	Diploma in Forestry	Std. 8, 9, or 10 + 2 years
1.5	DEPARTMENT OF AGRICULTURE	
	Diploma Course of 2 years:	
	Junior Year	Std. 8, 9 or 10 + 1 year
	Senior Year	Std. 8, 9 or 10 + 2 years
1.6	THE SOUTH AFRICAN PHARMACY BOARD	
	Diploma in Pharmacy	Std. 10 + 4 years
1.7	DEPARTMENT OF POSTS AND TELEGRAPHS	
	Certificate of Proficiency in:	
	(a) Telecommunication	Technical subjects, Std. 10 (NTC 3)
	(b) Radiotelegraphy (Marine) First Class	Technical subjects, Std. 10 + 1 year (NTC 4)
	(c) Radiotelegraphy (Marine) Second Class	Technical subjects, Std. 10 (NTC 3)
	(d) Radiotelegraphy (Aeronautical) First Class	Technical subjects, Std. 10 + 1 year (NTC 4)
	(e) Radiotelegraphy (Aeronautical) Second Class	Technical subjects, Std. 10 (NTC 3)
	In the following certificates only practical knowledge and proficiency are tested and they have therefore not been equated to any other technical certificate:	
	(a) Special Certificate of Proficiency in Radiotelegraphy (Marine)	
	(b) Restricted Certificate of Proficiency in Radiotelephony (Marine), First Class	
	(c) Restricted Certificate of Proficiency in Radiotelephony, (Marine), Second Class	
	(d) General Certificate of Proficiency in Radiotelephony (Aeronautical)	
1.8	DEPARTMENT OF MINING	
	Certificate of Competency (Engineering)	Std. 10 + 3 years
	Certificate as Mine Assayer	Std. 10 + 2 years
	Certificate as Mine Surveyor	Std. 10 + 3 years
	Certificate of Competency as Mine Manager	Std. 10 + 4 years
1.9	DEPARTMENT OF BANTU EDUCATION	
	Bantu Surveyor's Assistant	Std. 8 + 2 years
1.10	DEPARTMENT OF TRANSPORT	
	Leading Seaman	Std. 8
	Petty Officer	Std. 9
	Warrant Officer Instructor	Std. 10 + 1 year
	Chief Petty Officer	Std. 10
	Certificate of Proficiency as Chief Engineer Officer in the South African Navy	Std. 10 + 3 years
	Certificate of Proficiency as Second Engineer Officer in the South African Navy	Std. 10 + 2 years
	Navigating Officer - Coasting	Std. 10 + 1 year
	Master - Coasting	Std. 10 + 2 years
	Second Navigating Officer - Foreign Going	Std. 10 + 2 years
	Chief Navigating Officer - Foreign Going	Std. 10 + 3 years
	Master - Foreign Going	Std. 10 + 4 years

1.11 SOUTH AFRICAN MEDICAL AND DENTAL COUNCIL

Registration with the Board as:

Speech Therapist	Std. 10 + 3 years
Audiologist	Std. 10 + 3 years
Speech Therapist and Audiologist	Std. 10 + 3 years

1.12 TEACHER TRAINING

1.12.1 TRAINING FOR THE HIGH SCHOOL

Universities

M.Ed. plus Secondary Teachers' Certificate (Cape Town)	Std. 10 + 6 years
B.Ed. plus Secondary Teachers' Certificate (Cape Town)	Std. 10 + 5 years
Secondary Teachers' Certificate (Cape Town)	Std. 10 + 4 years
Junior Secondary Teachers' Diploma (Cape Town)	Std. 10 + 3 years
University Education Diploma (Graduate) (Natal)	Std. 10 + 4 years
University Education Diploma (Non-graduate) (Natal)	Std. 10 + 3 years
University Education Diploma (Orange Free State, Potchefstroom)	Std. 10 + 4 years
University Education Diploma (South Africa and Rhodes)	Std. 10 + 4 years
Higher Education Diploma (Pretoria)	Std. 10 + 4 years
Secondary Teachers' Diploma (Stellenbosch)	Std. 10 + 4 years
Lower Secondary Teachers' Diploma (Rhodes and Stellenbosch)	Std. 10 + 3 years

Teachers' Training Colleges

Transvaal Teachers' Higher Diploma	Std. 10 + 4 years
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1.12.2 TRAINING FOR THE PRIMARY SCHOOL

Universities

Higher Primary Teachers' Certificate (Cape Town)	Std. 10 + 3 years
Post-graduate Higher Primary Teachers' Certificate (Cape Town)	Std. 10 + 4 years
University Primary School Education Diploma (Potchefstroom)	Std. 10 + 3 years
Higher Primary Education Diploma (Pretoria)	Std. 10 + 3 years
Higher Primary Teachers' Certificate (Rhodes)	Std. 10 + 3 years
Higher Primary Teachers' Diploma (Stellenbosch)	Std. 10 + 3 years
Higher Primary Teachers' Diploma (Post-graduate) (Stellenbosch)	Std. 10 + 4 years

Teachers' Training Colleges

Primary Teachers' Certificate (Cape Province)	Std. 10 + 2 years
Higher Primary Teachers' Certificate (Cape Province)	Std. 10 + 3 years
Natal Teachers' Diploma	Std. 10 + 2 years
Higher Primary Teachers' Certificate (Orange Free State)	Std. 10 + 3 years
Lower Primary Teachers' Certificate (Orange Free State)	Std. 10 + 2 years
Transvaal Teachers' Diploma (Combined)	Std. 10 + 3 years

Transvaal Teachers' Diploma (Specialization)	Std. 10 + 3 years
Transvaal Teachers' Lower Diploma	Std. 10 + 2 years

1.12.3 SPECIALIZATION COURSES

Nursery Education

Diploma in Nursery School Education Three year course (University of Pretoria)	Std. 10 + 3 years
Diploma in Nursery School Education (Candidate in possession of Teachers' qualification) (University of Pretoria)	1 year additional
B.A. (S.W.) plus Nursery School Teachers' Diploma (University of Pretoria)	Std. 10 + 4 years
Primary Higher Infant School Teachers' Diploma (Training Colleges, Cape Province)	1 year additional
Natal Teachers' Senior Diploma in Infant Teaching	1 year additional
Infant Teachers' Certificate (Training College, Orange Free State)	1 year additional
National Teachers' Certificate in Nursery Education	Std. 10 + 3 year
National Teachers' Diploma in Nursery Education (Candidate in possession of Teachers' qualification)	1 year additional
National Certificate for Nursery Assistants	Not a Teachers' Certificate. Evaluation Std. 9

Education for Deviates

Universities

Higher Primary Teachers' Certificate (with special endorsement) (Cape Town)	1 year additional
Certificates for Teachers of: (Cape Town) (a) Children Handicapped in Speech and Hearing (b) Special classes (c) Problem children	1 year additional
Certificate in Remedial Education (Natal)	1 year additional
Diploma in Special Education (Pretoria)	1 year additional
Diploma for the Education of Special Classes (Stellenbosch)	Std. 10 + 3 years
Diploma in Special Education (South Africa) (a) The Visually Handicapped (Blind and partially-sighted) (b) The Aurally Handicapped (Deaf and hard- of- hearing) (c) The Neurologically Handicapped (Epileptics and cerebral palsied)	1 year additional 1 year additional 1 year additional
Two or all three of these diplomas	2 years additional

Teachers' Training Colleges

Transvaal Teachers' Diploma (with speciali- zation in the education of deviate children)	Std. 10 + 3 years
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1.12.4 COURSES IN SPECIAL SUBJECTS

Universities

Higher Primary Teachers' Certificate (special endorsement) (Cape Town)	Std. 10 + 3 years
Education Diploma (B.Sc. Domestic Science) (Potchefstroom, Pretoria)	Std. 10 + 4 years
Education Diploma in Domestic Science and Needlework (Potchefstroom)	Std. 10 + 3 years
Teachers' Diploma in Domestic Science (Stellen- bosch)	Std. 10 + 3 years
Teachers' Diploma in Commerical Subjects (Stellenbosch)	Std. 10 + 3 years
Diploma in Physical Education (Potchefstroom)	Std. 10 + 4 years
Diploma in Physical Education (Pretoria)	Std. 10 + 3 years
Teachers' Diploma in Physical Education (Stellenbosch)	Std. 10 + 3 years
Teachers' Diploma in Physiotherapy (Pretoria)	1 year additional
University Art Teachers' Diploma (Course B.A. F.A.-Rhodes)	Std. 10 + 4 years
University Art Teachers' Certificate (Diploma F.A.-Rhodes)	Std. 10 + 4 years
Primary Art Teachers' Certificate (Rhodes)	Std. 10 + 3 years

Teachers' Training Colleges

Natal Teachers' Senior Diploma (Specializa- tion Course)	Std. 10 + 3 years
Higher Primary Teachers' Certificate (Specialization Course) (Cape Province)	Std. 10 + 3 years
Special Diploma (Orange Free State)	Std. 10 + 3 years
Transvaal Teachers' Diploma (Specialization Course)	Std. 10 + 3 years
Transvaal Teachers' Higher Diploma	Std. 10 + 4 years

Technical Colleges

National Teachers' Certificate - Course A	Std. 10 + 3 years
National Teachers' Certificate - Course B	Std. 10 + 4 years
National Teachers' Certificate - Course C	Std. 10 + 4 years
National Specialist Teachers' Diploma	1 year additional
National Teachers' Diploma in Technology	1 year additional
National Diploma for Trade Instructors	1 year additional

1.13 UNIVERSITY TRAINING

1.13.1 AGRICULTURE AND FORESTRY

Doctor of Science in Forestry (D.Sc. Forestry)	Std. 10 + 8 years
Doctor of Science in Agriculture (D.Sc. Agric.)	Std. 10 + 8 years
Doctor of Science in Agricultural Engineering (D.Sc. Eng. Agric.)	Std. 10 + 8 years

	Master of Science in Forestry (M.Sc. Forestry)	Std. 10 + 6 years
	Master of Science in Agriculture (M.Sc. Agric.)	Std. 10 + 6 years
	Master of Science in Agricultural Engineering (M.Sc. Eng. Agric.)	Std. 10 + 6 years
	Bachelor of Science in Forestry (Hons.) (B.Sc. Hons. Forestry)	Std. 10 + 5 years
	Bachelor of Science in Agriculture (Hons.) (B.Sc. Hons. Agric.)	Std. 10 + 5 years
	Bachelor of Science in Agricultural Engineering (Hons.) (B.Sc. Hons. Eng. Agric.)	Std. 10 + 5 years
	Bachelor of Science in Forestry (B.Sc. Forestry)	Std. 10 + 4 years
	Bachelor of Science in Agriculture (B.Sc. Agric.)	Std. 10 + 4 years
	Bachelor of Science in Agricultural Engineering (B.Sc. Eng. Agric.)	Std. 10 + 4 years
	Bachelor of Science in Food Technology (B.Sc. Food Technology)	Std. 10 + 4 years
1.13.2	ARCHITECTURE AND QUANTITY SURVEYING	
	Doctor of Philosophy (Ph.D./D.Phil.)	Std. 10 + 8 years
	Doctor of Architecture (D. Arch.)	Std. 10 + 8 years
	Master of Architecture (M.Arch.)	Std. 10 + 6 years
	Master of Science in Quantity Surveying (M.Sc. Q.S.)	Std. 10 + 6 years
	Bachelor of Architecture (B. Arch.)	Std. 10 + 5 years
	Bachelor of Science in Quantity Surveying (B.Sc. Q.S.)	Std. 10 + 5 years
	Diploma in Architecture (Dip. Arch.)	Std. 10 + 5 years
	Diploma in Quantity Surveying (Dip. Q.S.)	Std. 10 + 5 years
	Certificate in Architecture/Quantity Surveying	Std. 10 + 5 years
1.13.3	ARTS	
	Doctor of Literature (D.Litt.)	Std. 10 + 7 years
	Doctor of Philosophy (Ph.D./D.Phil.)	Std. 10 + 7 years
	Master of Arts (M.A.)	Std. 10 + 5 years
	Master of Arts (Clinical Psychology—Academic) (M.A. Clinical Psychology) (Potchefstroom)	Std. 10 + 5 years
	Master of Arts (Clinical Psychology with endorsement of professional training) (M.A. Clinical Psychology) (Potchefstroom)	Std. 10 + 6 years
	Master of Arts (Clinical Psychology) (M.A. Clinical Psychology) (Pretoria and Witwatersrand)	Std. 10 + 6 years
	Bachelor of Arts (Honours) (B.A. Hons.)	Std. 10 + 4 years
	Bachelor of Arts (B.A.)	Std. 10 + 3 years
	Bachelor of Arts (Librarianship):	

Potchefstroom University for CHE, Stellenbosch and University of South Africa	Std. 10 + 4 years
Universities of Pretoria and the Orange Free State	Std. 10 + 3 years
Bachelor of Arts plus Lower Diploma in Librarianship	Std. 10 + 4 years
Combined B.A. degree and Speech Diploma Course for Broadcasting (Cape Town)	Std. 10 + 4 years
Diploma in Librarianship	1 year additional
Lower University Diploma in Librarianship	Std. 10 + 2 years
Diploma in Librarianship (2 year course)	Std. 10 + 2 years
Lower Diploma in Librarianship (2 year course)	Std. 10 + 2 years
Certificate in Librarianship	Std. 10 + 1 year
Higher Diploma in Librarianship	1 year additional
University Diploma in Librarianship	1 year additional
Higher Certificate in Librarianship (Cape Town)	1 year additional
Performer's Diploma in Speech and Drama	Std. 10 + 4 years
Higher Diploma in Native Administration	Std. 10 + 2 years
Higher Diploma in Native Administration (University of South Africa)	Std. 10 + 3 years
Diploma in Native Affairs	Std. 10 + 2 years
Lower Diploma in Native Administration	Std. 10 + 1 year
Lower Diploma in Bantu Studies	Std. 10 + 1 year
Lower Diploma in Bantu Studies (University of South Africa)	Std. 10 + 2 years
Higher Diploma in Bantu Studies or Native Administration	1 year additional
Higher Diploma in Bantu Studies (University of South Africa)	Std. 10 + 3 years

1.13.4 AUXILIARY MEDICAL SERVICES

Baccalaureus Artium (Spraaakterapie en Oudiologie) (Pretoria)	Std. 10 + 4 years
Bachelor of Arts (Speech and Hearing Therapy) (Witwatersrand)	Std. 10 + 4 years
Bachelor of Science (Nursing) (B.Sc. Nursing or B.Cur.)	Std. 10 + 4 years
Bachelor of Arts (Nursing) (B.A. Nursing)	Std. 10 + 4 years
Bachelor of Science (Physiotherapy) (B.Sc. Physiotherapy) (Witwatersrand)	Std. 10 + 4 years
Diploma in Occupational Therapy (Witwatersrand)	Std. 10 + 4 years
Diploma in Logopedics (Witwatersrand)	Std. 10 + 3 years
Diploma in Nursing (D.N.) (Witwatersrand)	Std. 10 + 2 years or 1 year additional
Diploma in Midwifery (D. Mid.) (Witwatersrand)	Std. 10 + 2 years
Diploma in Radiography (Pretoria)	Std. 10 + 2 years
Diploma in Logopedics (Post-graduate) (Natal)	1 year additional

Diploma in Physiotherapy Education (D.P.E.) (Witwatersrand)	1 year additional
Diploma in Mental Nursing (D.M.N.) (Witwatersrand)	1 year additional
Diploma in Midwifery (Pretoria)	1 year additional
Diploma in Nursing Administration (D.N.A.) (Witwatersrand)	1 year additional
Diploma in Nursing (Pretoria)	1 year additional
Diploma in Mental Nursing (Pretoria)	1 year additional

1.13.5

COMMERCIAL SCIENCE

Doctor of Commerce (D. Com.)	Std. 10 + 7 years
Doctor of Administration (D. Admin.)	Std. 10 + 7 years
Doctor of Economics (D.Econ.)	Std. 10 + 7 years
Doctor of Philosophy (Ph. D./D.Phil.)	Std. 10 + 7 years
Doctor in Business Administration (D.B.A.)	Std. 10 + 7 years
Doctor of Science in Economics (D.Sc. Econ.)	Std. 10 + 7 years
Master of Commerce (M. Com.)	Std. 10 + 5 years
Master of Administration (M.Admin.)	Std. 10 + 5 years
Master of Economics (M.Econ.)	Std. 10 + 5 years
Master of Commerce in Economic Science (M.Com. Econ. Sc.)	Std. 10 + 5 years
Master of Commerce in Statistics and Commercial Mathematics (M.Com. Commerce, Statistics and Commercial Mathematics)	Std. 10 + 5 years
Master of Commerce in Accountancy (M.Com. Acc.)	Std. 10 + 5 years
Master in Business Administration (MBA) (Potchefstroom University for CHE, and universities of Pretoria and Stellenbosch)	Std. 10 + 5 years
Master in Business Leadership (MBL) (University of South Africa)	Std. 10 + 5 years
Master of Business Administration (MBA) (University of Cape Town)	Std. 10 + 4 years
Bachelor of Commerce (Honours) (B.Com.Hons.)	Std. 10 + 4 years
Bachelor of Administration (Honours) (B.Admin. Hons.)	Std. 10 + 4 years
Bachelor of Economics (Honours) (B. Econ. Hons.)	Std. 10 + 4 years
Bachelor of Commerce (B.Com.)	Std. 10 + 3 years
Bachelor of Administration (B. Admin.)	Std. 10 + 3 years
Bachelor of Economics (B.Econ.)	Std. 10 + 3 years
Bachelor of Commerce in Accountancy (B.Com. Acc.)	Std. 10 + 3 years
Qualification as Chartered Accountant	Std. 10 + 6 years
Diploma in Commerce (Dip. Com.)	Std. 10 + 3 years
Diploma in Public Administration	Std. 10 + 3 years
Diploma in Actuarial Mathematics	Std. 10 + 3 years

Certificate in the Theory of Accountancy	Std. 10 + 5 years
Certificate in Secretarial Practice	Std. 10 + 1 year
Diploma in Business Administration (Dip. B.A.) (Potchefstroom)	1 year additional
Diploma in Production Management	1 year additional
Diploma in the Economics of Local Government and Public Administration	1 year additional
Diploma in Industries and Costing (Post- graduate)	1 year additional
Diploma in Advanced Public Administration (Pretoria)	Std. 10 + 2 years or 1 year additional
Diploma in Public Administration (University College, Western Cape)	Std. 10 + 2 years
Lower Certificate in Cost Accounting (Potchef- stroom University for CHE)	Std. 10 + 2 years
Higher Certificate in Cost Accounting (Potchefstroom University for CHE)	1 year additional
University Diploma in Business Administration (Potchefstroom University for CHE)	1 year additional

1.13.6 EDUCATION

Doctor of Education (D.Ed.)	Std. 10 + 8 years
Doctor of Philosophy (Ph.D./D.Phil.)	Std. 10 + 8 years
Doctor of Literature (D.Litt.)	Std. 10 + 8 years
Doctor in Physical Education (D.Ed.Ph./D.P.Ed.)	Std. 10 + 8 years
Master of Education (M.Ed.)	Std. 10 + 6 years
Master in Physical Education (M.Ed.Ph./M.P.Ed.)	Std. 10 + 6 years
Bachelor in Physical Education (Hons.) (B.A. Hons. P.Ed.)	Std. 10 + 5 years
Bachelor of Education (B.Ed.)	Std. 10 + 5 years
Bachelor in Physical Education (B.Ed.Ph./ B.P.Ed.) (Stellenbosch)	Std. 10 + 5 years
Bachelor of Arts (Physical Education) (B.A. Phys.Ed.) (Pretoria)	Std. 10 + 3 years

1.13.7 ENGINEERING

Doctor of Science in Engineering (D.Sc. Eng.)	Std. 10 + 8 years
Doctor of Philosophy (Ph.D. or D. Phil. Eng.)	Std. 10 + 7 years
Master of Science in Engineering (M.Sc. Eng.)	Std. 10 + 6 years
Master of Science in Land Surveying (M.Sc. Land Surveying)	Std. 10 + 6 years
Bachelor of Science in Engineering (Hons.) (B.Sc. Hons. Eng.)	Std. 10 + 5 years
Bachelor of Science in Engineering (B.Sc. Eng.):	
B.Sc. Eng. (Chemical, Applied and Industrial)	Std. 10 + 4 years
B.Sc. Eng. (Electrical and Mechanical)	Std. 10 + 4 years

	B.Sc. Eng. (Metallurgical)	Std. 10 + 4 years
	B.Sc. Eng. (Mining Geology and Mining)	Std. 10 + 4 years
	B.Sc. Eng. (Civil)	Std. 10 + 4 years
	B.Sc. Eng. (Agric.)	Std. 10 + 4 years
	Bachelor of Science (Land Surveying) (B.Sc. Land Surveying)	Std. 10 + 4 years
	G. Dip. E. (Witwatersrand)	Std. 10 + 5 years
	Post-graduate Course in Hydrology	Std. 10 + 5 years
1.13.8	FINE ARTS	
	Master of Arts (Fine Arts) (M.A., FA) (M. Sculptural Arts) (M.A., S.A.)	Std. 10 + 6 years
	Bachelor of Fine Arts (Hons.) (B.A., FA)	Std. 10 + 5 years
	Bachelor of Fine Arts (B.A., FA)	Std. 10 + 4 years
	Diploma in Sculptural Arts/Fine Arts	Std. 10 + 2 years
	Certificate in Fine Arts/Commercial Art	Std. 10 + 2 years
1.13.9	LAW	
	Doctor of Law (LL.D.)	Std. 10 + 7 years
	Doctor of Philosophy (D.Phil./Ph.D.)	Std. 10 + 7 years
	Master of Law (LL.M.)	Std. 10 + 6 years
	Bachelor of Law (LL.B.) (Post-graduate B.A., B.Sc.,) (B.Com.)	Std. 10 + 5 years
	Bachelor Iuris (B. Iur.)	Std. 10 + 3 years
	Natal Law Certificate (N.L.C.)	Std. 10 + 3 years
	Natal Public Service Law Certificate (N.P.S. L.C.)	Std. 10 + 3 years
	Diploma Iuris (Dip. Iur.) (Pretoria)	Std. 10 + 3 years
	Diploma for Lawyers (Dip. Proc.) (Pretoria)	Std. 10 + 3 years
	Examination for Lawyers and Civil Servants (UNISA)	Std. 10 + 3 years
	Diploma in Law (Public Service) (Witwatersrand)	Std. 10 + 3 years
	Diploma for Police (UNISA)	Std. 10 + 2 years
	Admission as Attorney	Std. 10 + 4 years
1.13.10	MUSIC	
	Doctor in Music (D. Mus.)	Std. 10 + 7 years
	Doctor of Philosophy (D.Phil./Ph.D.)	Std. 10 + 7 years
	Master of Music (M.Mus.)	Std. 10 + 5 years
	Bachelor of Music (Honours) (B.Mus. Hons.)	Std. 10 + 4 years
	Bachelor of Music (B. Mus.)	Std. 10 + 3 years
	Artist's Certificate in Music	Std. 10 + 3 years
	Artist's Certificate in Opera (Singing)	Std. 10 + 3 years
	Diploma for Church Organists	Std. 10 + 3 years

	Licentiate Diploma in Music	Std. 10 + 3 years
1.13.11	SCIENCE	
	Doctor of Science (D.Sc.)	Std. 10 + 7 years
	Doctor of Philosophy (D.Phil./Ph.D.)	Std. 10 + 7 years
	Master of Science (M.Sc.)	Std. 10 + 5 years
	Master of Science (Domestic Science) (M.Sc. Domestic Science)	Std. 10 + 5 years
	Master of Science (Dietetics) (M.Sc. Dietetics)	Std. 10 + 5 years
	Master of Science (Chemical Technology) (M.Sc. Chemical Technology)	Std. 10 + 5 years
	Bachelor of Science (Honours) (B.Sc. Hons.)	Std. 10 + 4 years
	Bachelor of Science (Domestic Science) (B.Sc. Domestic Science)	Std. 10 + 4 years
	Bachelor of Science (Domestic Science-Dietetics)	Std. 10 + 4 years
	Bachelor of Science (Chemical Technology) (B.Sc. Chemical Technology)	Std. 10 + 4 years
	Bachelor of Science (Principal Subject - Dietetics)	Std. 10 + 3 years
	Bachelor of Science (Pharmacy) (B.Sc. Pharmacy)	Std. 10 + 4 years
	Bachelor of Science - Pure (B.Sc.)	Std. 10 + 3 years
	Military (B.Mil.)	Std. 10 + 3 years
	Hygiene (B.Sc. Hygiene)	Std. 10 + 3 years
	Law (B.Sc. Law)	Std. 10 + 3 years
	Diploma in Domestic Science	Std. 10 + 2 years
	Diploma in Soil Science (Post-graduate)	1 year additional
	Diploma in Leather Science (Post-graduate)	1 year additional
	Diploma in Analytical Chemistry	1 year additional
	Diploma in Hospital Dietetics	No additional recognition
1.13.12	SOCIAL SCIENCES	
	Doctor of Social Science (D.Soc. Sc.)	Std. 10 + 7 years
	Doctor of Philosophy (D.Phil./Ph.D.)	Std. 10 + 7 years
	Master of Social Science (M.Soc.Sc.)	Std. 10 + 5 years
	Bachelor of Social Science (Honours) (B.Soc. Sc. Hons.)	Std. 10 + 4 years
	Bachelor of Social Science (Social Welfare) (B.Soc. Sc.)	Std. 10 + 3 years
	Bachelor of Arts + B.Soc.Sc. (Simultaneously)	Std. 10 + 3 years
	Bachelor of Arts (Social Welfare) + Diploma in Nursery Education	Std. 10 + 4 years
	Bachelor of Arts (Social Welfare) (B.A. Soc. Sc.)	Std. 10 + 3 years
	Bachelor of Arts (S.W.Soc.Sc.)	Std. 10 + 3 years

	Diploma in Social Surveying (Post-graduate)	1 year additional
	Diploma in Housing Welfare (Post-graduate)	1 year additional
	Higher Diploma in Social Science	1 year additional
	University Diploma in Social Care	1 year additional
	Diploma in Social Work	1 year additional
	Diploma in Personnel Welfare and Management	1 year additional
	Diploma in Social Studies (Rhodes)	Std. 10 + 2 years
	Diploma in Social Welfare (Natal)	Std. 10 + 3 years
1.13.13	VETERINARY SCIENCE	
	Bachelor of Veterinary Science (B.V.Sc.)	Std. 10 + 5 years
	Master of Veterinary Medicine (M.Med.Vet.)	Std. 10 + 7 years
	Doctor of Veterinary Science (D.V.Sc.)	Std. 10 + 7 years
	Doctor of Veterinary Science (D.V.Sc.+ M.Med. Vet.)	Std. 10 + 8 years
2.	RHODESIA	
	Rhodesian Natal Technical Diploma (Civil Engineering)	Std. 10 + 2 years
3.	THE NETHERLANDS	
3.1	UNIVERSITIES AND HOGESCHOLEN (INSTITUTIONS OF UNIVERSITY STATUS)	
	<u>Economic Science</u>	
	Propaedeutic examination	Std. 10 + 1 year
	Candidate examination (Hogescholen)	Std. 10 + 3 years
	Candidate examination (Universities)	Std. 10 + 3 years
	Doctoral examination (Universities)	Std. 10 + 5 years
	Doctoral examination (Hogescholen)	Std. 10 + 5 years
	Promotion to Doctor's degree	Std. 10 + 7 years
	Post-University Programme preparatory to Business administration (Rijksuniversiteit, Gent)	1 year additional
	<u>Arts</u>	
	Candidate examination	Std. 10 + 3 years
	Doctoral examination	Std. 10 + 5 years
	Promotion - Doctor's degree	Std. 10 + 7 years
	Bachelor (Baccalaureaat) (Philosophy)	Std. 10 + 2 years
	Licentiate examination	Std. 10 + 3 years
	Laureate examination	Std. 10 + 4 years
	Laurea (Doctor's degree)	Std. 10 + 7 years
	<u>Technical Sciences (Engineering)</u>	
	Propaedeutic examination (P1)	Std. 10 + 1 year

Propaedeutic examination (P2)	Std. 10 + 2 years
Candidate examination (C1)	-
Candidate examination (C2)	Std. 10 + 3 years
Engineers' examination (Ir)	Std. 10 + 5 years
Doctoral examination	Std. 10 + 6 years
Promotion (Doctor's degree) (Technical Science)	Std. 10 + 7 years

Physical Sciences

Candidate examination	Std. 10 + 3 years
Doctoral examination	Std. 10 + 5 years
Promotion (Doctor's degree)	Std. 10 + 7 years

Agricultural Sciences

Propaedeutic examination (P1)	Std. 10 + 1 year
Propaedeutic examination (P2)	Std. 10 + 1 year
Candidate examination (C1)	Std. 10 + 2 years
Candidate examination (C2)	Std. 10 + 3 years
Engineers' examination (Ir)	Std. 10 + 5 years
Promotion (Doctor's degree) (Agriculture)	Std. 10 + 8 years

Joint Faculties

Candidate examination	Std. 10 + 3 years
Doctoral examination	Std. 10 + 5 years

3.2 SCHOOL CERTIFICATES

	Class	
Gewoon Lager Onderwijs (GLO) (Elementary Education)	1st	
	2nd	
	3rd	
	4th	
	5th	
	6th	Std. 5
	7th	Std. 6
	8th	Std. 7
Voortgezet Lager Onderwijs (VGLO) (Continued Elementary Education)	1st	Std. 6
	2nd	Std. 7
Meer Uitgebreid Lager Onderwijs (MULO or ULO) Advanced Elementary Education	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
Handelsdagschool (Commercial Day School)	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 9
	5th	Std. 10
Handelsavondschoon	As for Handelsdagschool	
Middelbare Meisjesschool (MMS) (Intermediate School for Girls)	1st	Std. 6
	2nd	Std. 7

	3rd	Std. 8
	4th	Std. 9
	5th	Std. 10
Hogere Burgerschool (HBS) (Modern Secondary School)	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 9
	5th	Std. 10
Seminarie ("Klein Seminarie") (Seminary)	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 8
	5th	Std. 9
	6th	Std. 10
Gymnasium (Grammar School)	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 8
	5th	Std. 9
	6th	Std. 10
Lyceum (Combined Modern and Grammar School)	1st	Std. 6
	2nd	Std. 7
	3rd	Further values as for
	4th	Gymnasium HBS or MMS
	5th	dependent on which type
	6th	of school attended.
Staatsexamen HBS (A and B)		Std. 10
Staatsexamen Gymnasium (A and B)		Std. 10

According to the 1969 Yearbook of the Joint Matriculation Board the above-mentioned certificates entitle holders thereof to be admitted to degree courses in the Republic of South Africa on condition that they qualify for admission to University study in their own country.

3.3 NURSERY SCHOOL QUALIFICATIONS

Akte van Bekwaamheid als Leidster (Akte A) Std. 8 + 2 years

Akte van Bekwaamheid als Hoofdleidster (Akte B) Std. 8 + 3 years

3.4 TRAINING IN ELECTROTECHNICS

Class

Vereniging tot Bevordering van
Electrotechnisch Vakonderwys (VEV)

Adspirant

VEV Cursist (AVC)

A Diploma

Std. 7

B Diploma

Std. 7

Sterkstroom or Zwakstroom Hulp-
monteur

NTC 1

Radio Hulpmonteur and Elektronika

Hulpmonteur receive similar recognition		
Sterkstroom or Zwakstroom Monteur		NTC 2
Radiomonteur and Electronika Monteur receive similar recognition		
Electrotechnisch Installateur (EI)		NTC 3
Electrotechnisch Wikkelaar		NTC 3
Electrowinkelier (EW) VEV		With AVC as entrance qualification NTC 1: With Middenstandsdiploma as entrance qualification National Junior Certificate
 <u>Electrotechnische School</u>		
Getuigschrift ETS		National Junior Certificate (Technical)
Laboratorium-Assistent		National Senior Certificate (Technical)
Electrotechnische School, Training for		
(a) Sterkstroomtechniek)		
(b) Telecommunicatie)		
(c) Meet en Regeltechniek)		NTC 3
Afdeling Electrotechnici	1st	Std. 7 (Technical)
	2nd	Std. 8 (Technical)
	3rd	Std. 9 (Technical)
Afdeling Laboratorium-Assistent	1st	Std. 9 (Technical)
	2nd	Std. 10 (Technical)
	3rd	Std. 10 + 1 year (Technical)
 <u>Koninklijk Technicum</u>		
PBNA		
Hoger Technisch Basisexamen Electro-techniek		NTC 1
Adspirant Electrotechnisch Opzichter		NTC 1
Electrotechnisch Opzichter (Algemeen gedeelte)		NTC 2
Electrotechnisch Opzichter		NTC 3
Electrotechnicus		NTC 5
The examinations for the last four certificates above apply to either Sterkstroom or Zwakstroom		
Assistent Electrobedrijfstechnicus		NTC 1
Electrobedrijfstechnicus (Algemeen)		NTC 2
Electrobedrijfstechnicus (Fabricage)		NTC 3
The examination for "Installatie techniek" follows the same pattern as for the above-mentioned three certificates		

Instrumentatievakman	NTC 1
Bedrijfstechnicus voor Instrumentatie	
Deel I	NTC 2
Deel II	NTC 3
Deel III	NTC 4
Technisch Laborant Deel I	NTC 1
Deel II	NTC 2
Uitgebreid Technisch Basisexamen (Electrotechniek)	Elementary Technical Certificate
Electrotechnisch Tekenaar (Sterk or Zwakstroom)	NTC 1
Electrotechnisch Instrumentmaker	NTC 1
Electronisch Vakman	NTC 1
Televisiemonteur	NTC 1
Hoger Radio-Technicus Deel I	NTC 2
Deel II	NTC 3
Radio Monteur Nederlandsch Radiogenoot- schap	NTC 1
Hoger Electronicus Radio Technicus	Std. 10 + 2 years

3.5 INDUSTRIAL AND TECHNICAL TRAINING

School or Institute	Class	Recognition
<u>Lager Nijverheids-<u>onderwijs</u> (LNO)</u>		
Lagere Dagnijverheidsschool and Industrie- and Huishoudschool	1st 2nd	Std. 6 Std. 7
Industrie- or Huishoudschool	1st	Std. 8 (Domestic Science)
Akte K	1st	Std. 8 + 1 year (Domestic Science)
Dagambachtscholen and Dagvak- scholen (Lager Technische Scholen)	Preliminary Selection Class 1st 2nd Top Class	Std. 5 Std. 6 (Technical) Std. 7 (Technical) Std. 8 (Technical)
Avondambachtscholen and Avondvak- scholen	1st) A 2nd) 3rd) Course 4th) B 5th) Course	Std. 6 (Technical) Std. 6 (Technical) Std. 7 (Technical) Std. 8 (Technical) or NTC 1 NTC 2
Examen VVA (Vereniging ter veredeling van Ambacht)		NTC 2
Bedrijfscholen		School certificate + 1 year (Technical)

Uitgebreid Lager Nijverheids-
onderwijs (ULNO)

ULNO-school	1st	Std. 7 + 1 or 2 years in specific subjects
Akte U	1st	National Std. 8 + 2 years
Eenjarige Huishoudkundige Vooropleiding	Basic Class	Std. 8
Huishoudkunde: Voor inrichtingen en plattenlanden	1st	National Std. 9 (Domestic Science)
Vooropleiding tot Akte NS	1st	Std. 8
Akte V	1st	Std. 8 (Domestic Science) + 1 year
Vorbereidend Middelbaar Technische Onderwijs (VMTO)		Std. 8
Dagscholen voor Uitgebreid Technisch Onderwijs (UTO)	"Schakel" class	Std. 8
	1st	NTC 2
	2nd	NTC 3
	3rd	NTC 4
	4th	NTC 5

Middelbaar Nijverheidsonderwijs voor meisjes

Aktes vir onderwys aan LNO ULNO en MNO National Std. 10 (Domestic Science) + 1 year

Hoger (Middelbaar) Nijverheidsonderwijs (MNO)

Hogere Technische School (HTS)

(a) Dagschool	"Schakel" class	Std. 8 (Technical)
	1st	Std. 9 (Technical)
	2nd (ordinary)	Std. 10 (Technical)
	2nd("ster")	Std. 10 + 1 year
	3rd	-
	4th	Std. 10 + 2 years
(b) Avond-Hogere Technische School (Amsterdam and Rotterdam)		Std. 10 + 2 years
(c) Avond-Hogere Technische School (Plantage Muidergracht-Amsterdam)		Std. 10 + 1 year
(d) Avond Vervolgcurcus (HTS)		Std. 10 + 3 years
(e) Hogere Technische School (Formerly MTS) (Pre-training MULO Diploma) (Pre-training HBS/B or Gymnasium-Diploma)		Std. 10 + 2 years
		Std. 10 + 3 years
(Diploma issued after 1969 four year course after HBS)		Std. 10 + 4 years (not university level)
(f) Rijks Hogere School te Bolsward (Agricultural Secondary School)	Final Diploma	Std. 10 + 2 years

Technische Middelbare School

(THS) "Technicum"

(a) Dagschool	1st	Std. 6 (Technical)
	2nd	Std. 7 (Technical)
	3rd	Std. 8 (Technical)
	4th	NTC 2
	5th	NTC 3
	6th	NTC 4

(b) Avondschool As for Dagschool

Middelbaar Technisch Instituut
(MTI)

(a) Afdeling Bouwkunde (3 year course in Building) NTC 1 - NTC 3

(b) Beton en Staaltechniek NTC 4

(c) Utiliteitsbouw Std. 10 + 3 years

Opleiding en Examen voor Aannemer NTC 1 - NTC 3

Opleiding en Examen voor Architect

(a) VBO Std. 10 + 4 years

(b) HBO Std. 10 + 5 years

Bouwkundige Opzichter (BNA) NTC 4

Middelbare Vakschool voor Leder-
en Schoenindustrie NTC 3

Zeevaartscholen en Scholen voor
Scheepswerk

(a) Scheepswerktuigkundige:

Dagcursus, leerlingscheeps- werktuigkundige AM	NTC 2
BM	NTC 3

Diploma A NTC 3

Diploma B (eerste gedeelte) NTC 3

Diploma B (tweede gedeelte) NTC 4

Diploma C (eerste gedeelte) NTC 4

Diploma C (tweede gedeelte) NTC 5

(b) Motordrijver (machinist) NTC 1

(c) Stuurmanschap

Diploma AS NTC 2

Diploma BS NTC 3

3de Stuurman NTC 4

Autotechnische Opleiding

Uitgebreid Autotechnische School	"Schakel " class	NTC 1
	1st	NTC 2
	2nd	NTC 3
	Practical year	no further recognition

Hogere Technische School voor Autotechniek Instituut voor Autohandel		Maximum recognition Std. 8 (Technical)
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Grafische Bedrijf

Grafische School te Amsterdam en	1st	NTC 2
School voor Grafische Vakken te	2nd	NTC 3
Utrecht	3rd	NTC 4

Luchtvaart Nivverheidsschool
(Formerly "Technische School")

Section ULNO		NTC 3
Section MNO		NTC 4

Rijksvak- en Kunstnijverheidsschool
voor Goud- en Silversmeden en Horloge-
makers

Dagschool	1st	NTC 2
	2nd	NTC 3
	3rd	NTC 4
	4th	NTC 5
	1st Continua-	
	tion Class	No further
	2nd Continua-	recognition
	tion Class	

Avondschoon		As for Dagschool
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Christiaan-Huygens-School

Day classes

(a) Horlogemaker		NTC 2
(b) Fijninstrumentmaker		NTC 1
(c) Fijn-mechanics-technicus	1st	NTC 1
	2nd	NTC 2
	3rd	NTC 3

Evening Classes

(a) Horlogemaker		Elementary Technical Certificate
(b) Fijninstrumentmaker		NTC 2

Horlogemakersvakschool, Winnubst

Leerlingexamen		NTC 2
Vestigingsexamen		NTC 4
Meesterexamen		NTC 5

Leidsche Instrumentmakersschool

A examen previously Leerling		NTC 2
B examen previously Gezel		NTC 5
C examen previously Meester		Std. 10 + 2 years
Evening Classes, ULNO (Industrie avondschoon)		NTC 1 - NTC 3

School van het Koninklijk Genootschap,
"Mathesis Scientiarum Genitrix" (Leiden)

LNO	1st	Std. 6
	2nd	Elementary Technical Certificate
	3rd	NTC 1

	4th	NTC 2
	5th	NTC 3
Vervolgcurcus (2 year continuation course in Building)	1st } 2nd }	NTC 5
Vervolgcurcus (3 year continuation course in Electrotechnics and Mechanical Building) (Werktuigbouwkunde)	3rd	Std. 10 + 2 years

3.6 AGRICULTURAL AND HORTICULTURAL TRAINING

Lager Landbouwonderwijs

Lager Landbouwscholen	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 8 + 1 year

Landbouwcurcussen (Vorbereiden- de cursus)

Algemene Landbouwcurcus		Std. 7
Speciale Landbouwcurcus		Dependent on previous training and length of course
Opleiding voor Vlasbewerking		Dependent on previous training and length of course
Opleiding voor Zuivelbereiding Vakschool voor Zuivelbereiding (Hoorn)		Dependent on previous training and length of course

Lager Tuinbouwonderwijs

Lager Tuinbouwscholen en Tuinbouw- curcussen	1st 2nd 3rd 4th	Std. 6 Std. 7 Std. 8 Std. 8 + 1 year
Tuinbouwvakscholen		Dependent on previous training

Hoger Landbouwonderwijs

Rijks Hogere en Bijzondere Land- bouwscholen (Ede, Leeuwarden, Dordrecht, Groningen en Roermond)	1st 2nd 3rd	Std. 9 Std. 10 Std. 10 + 1 year
Rijks Hogere School voor Tropische Landbouw (Deventer) (State College of Tropical and Sub-tropical Agric.)	1st 2nd 3rd	Std. 9 Std. 10 Std. 10 + 1 year
Middelbare Land en Bosbouwscholen		Std. 9
Rijks Hogere Zuivelscholen, and the Hogere Zuivelschool of the KNBTB		Std. 10 + 1 year

Middelbare Bosbouw- en Cultuur- technische School (Nederlandsche Heidemaatschappij, Arnhem)	Std. 10
Hogere Bosbouw- en Cultuurtechnische School	Std. 10
Hogere Bosbouw- en Cultuurtechnische School (Arnhem) (Reorganisatie 1958)	Std. 10 + 3 years
<u>Hoger Tuinbouwonderwijs</u>	
Rijks Hogere Tuinbouwschool	Std. 10 + 1 year
Rijks en Particuliere Tuinbouwscholen van Middelbare Niveau	
Vorbereidingscursus Particuliere Cursussen	Dependent on entrance qualifications and length of course
Examen voor tuinarchitect (Rijkstuinbouwschool te Boskoop)	Std. 10 + 1 year
<u>Hogere Textielscholen te Enschede en Tilburg</u>	
Opleiding als Bedrijfsleider of Fabrikant of Commercieel Functionaris in de Textielindustrie	Std. 10 + 2 years
Opleiding voor Specialistische Staffunctie in het Bedrijfsleven (Technisch-Weten- schappelijke Opleiding)	Std. 10 + 3 years
Opleiding voor Technisch-Commerciële Functionarissen	Std. 10 + 3 years
Opleiding, Dagcursus voor Textielhandel	Std. 10 level in subjects passed
Opleiding tot Textiellaborant	Std. 9 level in subjects passed
<u>Uitgebreid Technische Textielschool te Enschede</u>	
Opleiding voor de Middenkader in de Textielindustrie voor Calculators, Bazen, Afdelingschefs, Tariefdeskundigen, Laboranten, Controleurs, enz.	NTC 4
3.7 GENERAL TRAINING	
Hoger Kunstnijverheidsschool	Std. 10 + 1 year with entrance qualification lower than MULO
	Std. 10 + 2 years with entrance qualification 3 classes MULO, HBS, Gymnasium, MMS or Akte Lageronderwijs
Training as Analyst (e)	
(a) Algemene Ontwikkeling	Std. 8
(b) Vorbereidende Cursus	Std. 9
Leerlinganalysten Examen	
(a) Chemische richting	NTC 3

(b) Medische richting	NTC 3
Analystenexamens	NTC 4
Training as Rubbertechnicus at Delft	
(a) Vooropleiding	NTC 2
(b) Opleiding	NTC 4
Training as "Tekenaar" with the Kadaster (Rijksopleiding) at the Centraal Tekenen Opleidingsbureau, 's Gravenhage	
	NTC 2
School for Fotografie en Fototechniek at 's Gravenhage	
(a) Fotograaf	NTC 3
(b) Reprografie) Assistent)	NTC 2
Training as "Essayeur" (Kantoren van Waarborg - Keurkamers)	
	Std. 10 + 2 years
Training of PTT - Personnel	
(a) Vooropleiding	-
(b) PTT opleidingsentra	Std. 10 + 2 years
Bedrijfschool der Nederlandsche Spoorwegen	
(a) Algemeen	Std. 10 + 1 year
(b) Technicus	Std. 10 + 3 years
Nederlandsche Associatie voor Practijkexamens	
(a) Handelscorrespondentie - Netherlands French, German and English	Std. 8 + 1 year. If entrance qualification is lower than Std. 8 - entrance qualification plus 2 years
(b) Handelscorrespondentie in other languages viz: Indonesian, Italian, Portuguese, Russian, Spanish and Swedish	Entrance qualification plus 2 years
Kantoorstenograaf	No extra recognition
Diploma Stenocorrespondentie	National Secretarial Certificate (Std. 10)
Practijkdiploma Machinenschrijven	No extra recognition
Practijkexamen Boekhouden	Entrance qualification plus 1 year
Moderne Bedrijfsadministrasie	1 additional year (after Practijkexamen Boekhouden)
Kamer van Koophandel	
(a) Opleiding kantoorwerker	Std. 10
(b) Opleiding tot Directie-Secretarisse deur Particuliere Instituten	Std. 10 + 1 year
Staatspractijkdiploma voor Bedrijfs- 1st administratie (SPD) 2nd	Entrance qualification + 2 years
Nederlandsche Vereniging voor Gemeente belangen	
(a) Gemeente-administratie	Part I Std. 8 + 2 years Part II Std. 10 + 2 years or degree + 1 year

(b) Gemeente financiën	Part I	Std. 8 + 2 years
	Part II	Std. 10 + 2 years or degree + 1 year
Middenstandsdiploma, Algemene Handelskennis		Entrance qualification + 1 year
Kweekschool, Detailhandel } School tot Opleiding van } Winkelpersoneel }		Std. 8
CJDC Goedhartstichting		
(a) Opleiding tot Directeur Verbruikscoöperatie		Std. 10 + 2 years
(b) Opleiding tot Directeur Landbouwwerpeniging		Std. 10
Commissie voor Vakopleiding, Vereniging ter Bevordering van de Belangen des Boekhandels:		
Opleiding voor Uitgever en Boekhandelaar		Std. 8 + 1 year
Training under supervision of the Koninklijke Nederlandsche Maatschappij ter Bevordering der Pharmacie		
Particuliere opleiding		Std. 8 + 2 years
Opleiding in Apotheke		Std. 8 + 2 years
Nederlandsche Vereniging voor Electrologie en Röntgenologie Röntgenlaborante		Std. 8 + 2 years
Training as diëtiste		
(a) Amsterdamse Vereniging tot Opleiding van Diëtiste }		
(b) Huishoudkundeschool "Laan van Meerdervoort" }		Std. 10 + 2 years
(c) Conisius-Ziekenhuis }		
Training as Logopaedist		Entrance qualification + 1 year
Vereniging voor Logopaedie en Phoniotrie		
Training as Leeszaalpersoneel		
(a) Assistente (Jeugbibliotheek)		Std. 10 + 1 year
(b) Assistente aan Openbare Leeszalen en Bibliotheken		Std. 10 + 1 year
(c) Directeur		Std. 10 + 2 years
Scholen voor Maatschappelijke Werk with Gymnasium or HBS as entrance qualification		Std. 10 + 3 years
Lower entrance qualifications		Std. 10 + 2 years
Training as Masseur		
(a) Voorexamen		Std. 9
(b) Eindexamen		Std. 10 + 1 year
Training as Physioterapeut		Std. 10 + 2 years
School voor Suikerindustrie	1st	NTC 2
	2nd	NTC 3

Middelbare Confectieschool	1st	NTC 2
"Mr. Koetzier" (Amsterdam)	2nd	NTC 3
	3rd	-
	4th	NTC 4
Schilderscholen		NTC 1
Dagschool voor Opticiens		National Senior Certificate (Technical)
Meteryker		NTC 1
Training as Glasblaser		
Diploma van Leerling-glasblaser		NTC 1
Diploma van Gezel-glasblaser		NTC 2
Diploma van Meester-glasblaser		NTC 3

4. GREAT BRITAIN

4.1 UNIVERSITY QUALIFICATIONS

All "Honours" and "Special" degrees of the universities are equated to the corresponding Honours degrees of South African universities.

4.2 SCHOOL CERTIFICATES

England and Wales

General Certificate of Education

Any one subject at O level or proof that the pupil sat for the GCE Examination

Std. 8

English Language plus four other subjects other than English Literature at the O Level

Std. 9

English Language plus four other subjects other than English Literature, of which two subjects are at A Level

Std. 10

Five different subjects (English Language and English Literature regarded as one subject) with 3 subjects at O Level plus two first year university courses

Std. 10

Four different subjects (English Language and English Literature regarded as one subject) with one subject at O Level plus three first year university courses

Std. 10

Five subjects (English Language and Literature regarded as one subject) with one subject at O and four at M Level - (Rhodesia)

Std. 10

England

Higher School Certificate received after Second School Examination

Std. 10

College of Preceptors Certificate
Senior Certificate

Std. 8

Std. 9

Scotland

Merit Certificate (Replaced by Day School Certificate Lower)	Std. 7
Intermediate Certificate (Replaced by Day School Certificate Higher)	Std. 8
Junior Secondary Certificate	Std. 8
Scottish Leaving Certificate (Formerly: Senior Leaving Certificate)	Std. 10

Northern Ireland

Senior Certificate	Std. 10
Secondary Intermediate School (no particular certificate)	Std. 8
Technical Day School Certificate	At least Std. 7

Irish Republic (Eire)

Primary School Certificate	Std. 4
Intermediate Certificate	Std. 8
Leaving Certificate	Std. 10

4.3 ART AND DESIGN

Ministry of Education	(a) Intermediate Certificate in Arts + 1 year and Crafts	Std. 10 (Art Group)
	(b) National Diploma in Design	Std. 10 + 3 years
National Council for Diplomas in Art and Design	Diploma in Art and Design (Dip AD)	Std. 10 + 3 years
Central Art Institutions, Scotland	(a) Diplomas in Drawing and Painting; Design; Town Planning	Std. 10 + 3 years
	(b) Diploma in Sculpture	Std. 10 + 4 years
Royal College of Art	(a) Associate of the Royal College of Art (ARCA)	Std. 10 + 4 years
	(b) Designer of the Royal College of Art (Des RCA)	Std. 10 + 4 years
	(c) Designer of the Royal College of Art (Sculpture, Industrial Design, Furniture Design)	Std. 10 + 4 years
	(d) ARCA <u>or</u> Des RCA without School Certificate <u>or</u> GCE 5 subjects 0 level	Std. 10 + 3 years

	(e) Post - Diploma	1 year additional
London University (Slade School)	(a) London University Diploma in Fine Arts	Std. 10 + 3 years
	(b) Qualified teacher with graduate status <u>after</u> (a) above.	1 year additional
Royal Academy Schools	(a) Certificate of Royal Academy Schools	Std. 10 + 3 years
	(b) Qualified teacher with graduate status <u>after</u> (a) above	1 year additional
Ministry of Education	Ministry's Art Teachers' Diploma (Certificate) with graduate status	Std. 10 + 4 years
Teachers' Training College	Qualified Teacher (Art)	Std. 10 + 2 years
Education Department (Scotland)	Teachers' Technical Certificate	Std. 10 + 4 years
City and Guilds of London Institute	Goldsmiths' and Silversmiths' work and Jewellery	
	(a) Intermediate Grade	Tech. subjects, Std. 8 (NTC 1)
	(b) Final	Tech. subjects, Std. 10 (NTC 3)
	(c) Technological Certificate	Tech. subjects, Std. 10 + 2 years
Union of Lancashire and Cheshire Institutes	(a) Preliminary Course in Industrial Art	Std. 9 (Art)
	(b) Certificate in Advertising Design	Std. 10 (Art) + 1 year

4.4 AGRICULTURAL AND RELATED QUALIFICATIONS

City and Guilds of London Institute <u>and</u> an Examination Board	National Certificate in Agriculture (NCA)	1 year additional
Farm Institutes of Agriculture	Certificate of the Institute	1 year additional
Agricultural Colleges and Institutes	College Diploma in Agriculture	Std. 9 + 2 years
The National Agriculture Examination Board	(a) National Diploma in Agriculture (NDA)	Std. 9 + 2 years
	(b) NDA obtained <u>after</u> a degree in Agriculture	1 year additional
	(c) NDA obtained <u>after</u> a National Diploma in Dairying	1 year additional

Various Agricultural Colleges	College Diploma in Farm Management	1 year additional
West of Scotland College of Agriculture	(a) Combined Diploma in Agriculture and Poultry Husbandry	Std. 9 + 3 years
	(b) Final Examination in Agricultural Engineering	Std. 9 + 3 years
The Edinburgh and East of Scotland College of Agriculture	College Diploma in Forestry	Std. 9 + 2 years
Various Agricultural and Horticultural Colleges in England, Wales and Scotland	College Diploma in Agriculture <u>or</u> Horticulture	Std. 9 + 2 years
Royal Horticultural Society	(a) Preliminary National Diploma in Horticulture	Std. 9
	(b) Intermediate National Diploma in Horticulture	Std. 9 + 2 years
	(c) National Diploma in Horticulture (NDH)	Std. 9 + 3 years
	(d) National Diploma in Horticulture (Hons.)	1 year additional
	(e) National Certificate in Horticulture	Std. 8 + 1 year
	(f) Teachers' Diploma School Gardens, Intermediate	No additional recognition
	(g) Teachers' Diploma School Gardens, Final	1 year additional
Royal Horticultural Society Gardens, Wisley; Royal Botanic Gardens Kew <u>and</u> Edinburgh	Diploma of the RHS Gardens <u>or</u> Royal Botanic Gardens	Std. 8 + 2 years
The College of Aeronautical and Automobile Engineering, Chelsea <u>and</u> The Council of the Institution of Agricultural Engineering	National Diploma in Agricultural Engineering, Intermediate	Std. 9 + 2 years
Essex Institute of Agriculture Writtle, Chelmsford <u>and</u> The West of Scotland College of Agriculture	Diploma <u>and/or</u> National Diploma in Agricultural Engineering	Std. 9 + 3 years

National College of Agricultural Engineering Silsoe, Bedfordshire	Associateship of the National College of Agricultural Engineering	Std. 10 + 3 years
City and Guilds of London Institute <u>and</u> The Institution of British Agricultural Engineers	Farm Machinery Operation and Care, Pass Certificate	No additional credit to school qualification
City and Guilds of London Institute	(a) Intermediate Certificate in Agricultural Mechanics' Work (b) Final Certificate in Agricultural Engineering Fitters' Work	NTC 2 NTC 3
Institution of Agricultural Engineers	Graduate or Associate Membership	Std. 10 + 1 year
Forestry Commission	Forestry Worker Certificate	Usual school qualification with completion of apprenticeship
Royal Agriculture College of Cirencester <u>also</u> Royal Institution of Chartered Surveyors	College Diploma. This diploma also qualifies for the First Part of the Final Examination of the Royal Institute of Chartered Surveyors <u>and</u> the Chartered Land Agent Society	Std. 9 + 2 years
Lancashire County Council Institute of Agriculture	Lancashire Diploma in Dairying <u>and/or</u> National Diploma in Dairying	1 year additional
Royal Association of British Dairy Farmers	Certificate in Dairying <u>and</u> Cheesemaking	1 year additional
Various Agricultural Colleges	College Diploma in Dairying	Std. 9 + 2 years
The National Dairy Examination Board	(a) National Diploma in Dairying (NDD) (b) National Diploma in Dairying <u>plus</u> a degree in Agriculture (c) National Diploma in Dairying <u>plus</u> NDA (National Diploma in Agriculture) (d) National Diploma in Dairying Technology	Std. 9 + 2 years but no additional recognition after a degree in dairying 1 year additional 1 year additional Std. 9 + 2 years
Agriculture/Farm Institutes	Certificate of the Institute (Poultry)	1 year additional

Agricultural Colleges	College Diploma (Poultry)	Std. 9 + 2 years
National Poultry Diploma Examination Board	(a) National Certificate in Poultry Practice	1 year additional
	(b) National Diploma in Poultry Husbandry (NDPH)	Std. 9 + 2 years
	(c) National Diploma in Poultry Technology	Std. 10 + 3 years
The Edinburgh and East of Scotland College of Agriculture	(a) College Diploma in Agriculture <u>and/or</u> Scottish Diploma in Agriculture (SDA)	Std. 9 + 2 years
	(b) College Diploma in Dairying <u>and/or</u> Scottish Diploma in Dairying (SDD)	Std. 9 + 2 years
	(c) Diploma in Poultry Husbandry	Std. 9 + 2 years
	(d) Combined Scottish Diploma in Agriculture and Scottish Diploma in Dairying (SDA & SDD)	Std. 9 + 3 years
	(e) Scottish Diploma in Poultry Husbandry (SDP)	Std. 9 + 3 years
North of Scotland College of Agriculture (Aberdeen)	(a) Combined Diploma in Agriculture, Poultry Husbandry and Dairying	Std. 9 + 4 years
	(b) Certificate in Agriculture	Std. 9 + 1 year
Royal Forestry Society of England and Wales	Woodman's Certificate	1 year additional (Technical)
Royal Scottish Forestry Society	Junior Foresters' Certificate	1 year additional (Technical)
Forest Training School <u>or</u> Royal Forestry Society of England and Wales <u>or</u> Royal Scottish Forestry Society	Foresters' Certificate	Std. 8 + 2 years
Central Forestry Examination Board (Joint Board of both Societies)	National Diploma in Forestry (NDF)	Std. 8 + 2 years

Union of Lancashire and Cheshire Institutes	(a) Secondary School Certificate (b) Preliminary National Certificate (Technical Course) (c) Preliminary Craft Course (d) Elementary Technical Course	Std. 8 <u>or</u> technical subjects Std. 8 <u>in</u> the subjects passed (NTC 1) Std. 8 <u>or</u> technical subjects Std. 8 <u>in</u> the subjects passed (NTC 1) Elementary Technical Certificate <u>or</u> Std. 7 in the subjects passed Std. 6 level in the subjects passed
City and Guilds of London Institute; Union of Lancashire and Cheshire Institutes; Union of Educational Institutions; East Midland Educational Union; Northern Counties Technical Examinations Council; Welsh Joint Education Committee	Craft Certificate	Evaluation according to the merits of each particular case
South East Scotland Committee on Certificates in Technology; West Scotland Committee for Technical Education	Advanced Craft Certificate	Technical subjects, Std. 10 + 1 year (NTC 5)
Joint Committees of professional institutions, Ministry of Education and The Scottish Education Department	(a) Ordinary National Certificate (b) Higher National Certificate (c) Ordinary National Diploma (d) Higher National Diploma	Std. 10 + 1 year Std. 10 + 2 years Std. 10 + 1 year Std. 10 + 3 years
National Council for Technological Awards	(a) Diploma in Technology Dip. Tech. <u>or</u> Dip. Tech. (Eng.) (b) Membership of the College of Technology	Std. 10 + 4 years Std. 10 + 6 years
Royal Aeronautical Society	Associate Fellowship (a) Part I (b) Part II (c) Part III	Std. 10 + 3 years
College of Aeronautics	Diploma in Aeronautical Science and Engineering	Entrance qualification + 2 years
Imperial College of Science and Technology	Diploma of Membership DIC	1 year additional
College of Advanced Technology, Birmingham	Associateship ACT (Birmingham)	Std. 10 + 3 years

The Welsh College of Advanced Technology, Cardiff	(a) College Associate- Std. 10 + 4 years ship in Applied Physics AWCT (Cardiff) (b) Fellowship of the Std. 10 + 2 years British Optical Association FBOA
The Royal College of Science and Technology, Glasgow	(a) Associateship ARCST Std. 10 + 4 years (b) College Certifi- Std. 10 + 2 years cate
The Heriot-Watt College, Edinburgh	(a) Associateship: Std. 10 + 4 years Mechanical, Electrical, Civil; Civil (Gas) and Chemical Engi- neering (b) Applied Chemistry, Std. 10 + 4 years Applied Physics, Applied Mathema- tics; Building Construction (c) Mining Engi- Std. 10 + 3 years neering and Brewing (d) Certificate: Std. 10 + 2 years Printing and Brewing
Robert Gordon's Tech- nical College, Aberdeen	(a) Associateship Std. 10 + 4 years (b) College Diploma Std. 10 + 3 years
Faraday House Engi- neering College	Associateship Std. 10 + 2 years Diploma after 1 year No further recognition practical work
National College of Food Technology, Weybridge, Surrey	(a) Diploma Std. 10 + 1 year (b) Associateship Std. 10 + 3 years (c) Post-graduate Degree + 1 year additional Diploma
National College of Rubber Technology	(a) Associateship Entrance qualification AMCRT and AIRI + 1 year (Institute of Rubber Industry) (b) Ditto:- 3 years Std. 10 + 3 years full-time or 4 years sandwich course (c) Licentiate Std. 10 Institute of Rubber Industry (LIRI) (d) Associateship Entrance qualification Institute of + 1 year Rubber Industry (AIRI) (e) AIRI - 4 years Std. 10 + 3 years part-time after Licentiate

4.6

GENERAL

Ministry of Education and Interested Bodies (Woolwich Polytechnic)	Diploma in Business Administration (National Diploma)	Std. 10 + 3 years
The College of Speech Therapists as examination board for the different Training Colleges	Licentiate	Std. 10 + 3 years
Ministry of Education and the British Institute of Management	(a) Intermediate Certificate in Management Studies	Entrance qualification + 2 years
	(b) Diploma	Entrance qualification + 1 year
	(c) Certificate	Entrance qualification + 1 year

5.

BELGIUM

Ingénieur Civil	Std. 10 + 5 years
Diploma of Technisch Ingénieur	Std. 10 + 3 years

6.

GERMANY

Diplom Betriebswirtschaft (Industrial Economics)	Std. 10 + 3 years
Diplom Ingenieur (Engineering)	Std. 10 + 5 years
Diplom Volkswirt (National Economics)	Std. 10 + 4 years
Diplom für Biologen (Biology)	Std. 10 + 4 years
Diplom für Chemiker (Chemistry)	Std. 10 + 4 years
Diplom für Forstwirte (Forestry)	Std. 10 + 4 years
Diplom für Gärtner (Horticulture)	Std. 10 + 4 years
Diplom für Geographen (Geography)	Std. 10 + 4 years
Diplom für Geologen (Geology)	Std. 10 + 4 years
Diplom für Geophysiker (Geophysics)	Std. 10 + 4 years
Diplom für Holzwirte (Wood Technology)	Std. 10 + 4 years
Diplom für Landwirtschaft (Agriculture)	Std. 10 + 4 years
Diplom für Mathematiker (Mathematics)	Std. 10 + 4 years
Diplom für Meteorologen (Meteorology)	Std. 10 + 4 years
Diplom für Mineralogen (Mineralogy)	Std. 10 + 4 years
Diplom für Ozeanographen (Oceanography)	Std. 10 + 4 years
Diplom für Physiker (Physics)	Std. 10 + 4 years
Diplom für Psychologen (Psychology)	Std. 10 + 4 years
Training at schools of engineering, schools of building construction, schools of machine building and technikums	Std. 10 + 3 years
Diplom für Vermesser (Surveying)	Std. 10 + 4 years

7. FRANCE
Diplôme d' Ingénieurs Std. 10 + 5 years
8. ITALY
The Italian Laurea or Dottore is equal to a corresponding South African Honours Degree, except that the Laurea in Architecture, Agriculture, Forestry and Veterinary Science is equal to the corresponding Bachelor's Degree in South Africa.
- Laurea in Ingegneria Std. 10 + 5 years
Licenza Elementare (Elementary School Certificate) Std. 3
La Licenza Di Scuola Media (Middle School Certificate) Std. 6
Diploma Di Maturita Classica Std. 10
Diploma Di Maturita Scientifica Std. 10
Licenza Di Avviamento Professionale Std. 6 (Technical)
Licenza (Scuola Technica) Std. 8 (Technical)
- Istituto Tecnico Commerciale
Ragioniere Std. 10
Perito Commerciale Std. 10
- Istituto Magistrale
Diploma Di Abilitazione Magistrale Std. 10
9. NORWAY
Diploma Statens Gymnastikskole Oslo Std. 10 + 2 years
10. PORTUGAL
Licenciatura Engenheiro Std. 10 + 5 years
11. SPAIN
Licenciatura o titulo de Ingeniero Std. 10 + 5 years
12. INSTITUTES
The evaluation of Std. 10 + X years does not necessarily denote that the academic requirements for Std. 10 have been complied with. The evaluation merely indicates the qualification level in a particular line of study.
- Air Traffic Controller, Licence as Std. 10 + 2 years (minimum)
Architects and Surveyors, Faculty of Final examination Std. 10 + 1 year

<u>Architects and Surveyors, Incorporated Association of</u>	
Student Membership	Std. 9
Associateship	Std. 10 + 3 years
<u>Administration and Commerce of South Africa, Institute of</u>	
Intermediate Examination	Std. 10 + 2 years
Final Examination	Std. 10 + 3 years
<u>Bankers in South Africa, Institute of</u>	
Preliminary Examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years
<u>Bookkeepers of South Africa, Faculty of</u>	
Intermediate Examination	Std. 8
Final Examination	Std. 9
<u>Builders, Institute of</u>	
Licentiate'ship	Std. 10 + 1 year
Associateship	Std. 10 + 2 years
<u>Building Surveyors, Institute of</u>	
Associateship	Std. 10 + 3 years
<u>Certified Bookkeepers of South Africa, Institute of</u>	
Associateship Examination	Std. 8
Fellowship Examination	Std. 9
<u>Certified Secretaries, South African Association of</u>	
Associateship Examination	Std. 9
Fellowship Examination	Std. 10
<u>Civil Engineers, Institution of</u>	
Associateship	Std. 10 + 3 years
<u>Clerks of Works of Great Britain Incorporated, Institute of</u>	
(a) Membership	Std. 10 + 2 years
(b) Membership after another diploma	1 year additional
<u>Continently-trained Engineers, South African Institute of</u>	
Graduate Member	Std. 10 + 2 years
Full Member	Std. 10 + 3 years
<u>Cost and Works Accountants, Institute of</u>	
Intermediate Examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years
<u>Electrical Engineers, Institution of</u>	

Associateship	Std. 10 + 3 years
<u>Electronic and Radio Engineers, Institution of</u>	
(Formerly the British Institution of Radio Engineers Graduateship)	
(a) Section A	
(b) Section B	Std. 10 + 2 years
<u>Fire Services, South African Institute of</u>	
1. Junior Fireman's Examination	NTC 2
2. Fireman's Examination	NTC 3
3. Senior Fireman's Examination	NTC 4
4. Graduate Diploma Examination	NTC 5
5. Associate Diploma Examination	Std. 10 + 2 years
<u>Gas Engineers, Institution of</u>	
Associateship	
(a) Part I	
(b) Part II	Std. 10 + 2 years
<u>Heating and Ventilating Engineers, Institution of</u>	
Associateship	
(a) Section A	-
(b) Section B	-
(c) Section C	Std. 10 + 2 years
<u>Incorporated Bookkeepers Association</u>	
Intermediate Examination	Std. 9
Final Examination	Std. 10
<u>Marine Engineers, Institute of</u>	
Associateship	
(a) Part I - This is a "Joint" examination for all the Engineering Institutions	
(b) Part II	-
(c) Part III	Std. 10 + 3 years
<u>Mechanical Engineers, Institution of</u>	
Graduateship	Std. 10 + 2 years
Associateship	Std. 10 + 3 years
<u>Metallurgists, Institute of</u>	
(a) Student membership	Std. 10
(b) Graduateship	Std. 10 + 1 year
(c) Licentiate'ship	Std. 10 + 2 years
(d) Associateship	Std. 10 + 3 years
(e) Fellowship	Std. 10 + 4 years
<u>Mining and Metallurgy, Institutions of</u>	
Associateship	
(a) Section A	-
(b) Section B	Std. 10 + 3 years

Motor Industry, Institute of

Membership - without completion of apprenticeship	Std. 10 + 1 year
Membership - apprenticeship completed	Std. 10 + 2 years

Municipal Engineers, Institution of

Associateship <u>or</u>	Std. 10 + 3 years
Associate Membership	Std. 10 + 3 years

Municipal Treasurers and Accountants

(South Africa Incorporated), Institute of

Part I and II	Std. 10 + 1 year
Part III	Std. 10 + 2 years
Part IV	Std. 10 + 3 years

Netherlands Institute for Engineers, South Africa

Associate Member	Std. 10 + 3 years
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Occupational Safety Association, National

- (i) 2 years additional to entrance qualification with maximum Std. 10 + 3 years
- (ii) 1 year additional if entrance qualification is already Std. 10 + 3 years or higher

Personnel Management in South Africa, Institute of

Diploma in Personnel Management	Std. 10 + 2 years
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Physics, Institute of

Graduateship Grad. Inst. P. also Associateship and

Fellowship (A. Inst. P. and F. Inst. P.)	Std. 10 + 3 years
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Physical Society (See Physics, Institute of)

Plastics Institute

(a) Diploma	Std. 10 + 1 year
(b) Graduateship	Std. 10 + 3 years
(c) Associateship	No further recognition

Production Engineers, Institution of

Associateship - before 1960	Std. 10
Associateship - after 1960	Std. 10 + 1 year

Public Health Engineers, Institution of

Associateship	Std. 10 + 3 years
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Quantity Surveyors, Institute of

(a) Trial Membership	Std. 10 + 1 year
(b) Graduateship	Std. 10 + 2 years
(c) Associateship	Std. 10 + 3 years

<u>Radio Engineers, Institution of</u>	
(a) Graduateship (Before 1962)	NTC 4
(b) Graduateship (After 1962)	NTC 5
<u>Radiographers, Society of</u>	
(a) Diploma in Radiography or Therapy	Std. 9 + 2 years
(b) Diploma in Radiography and Therapy	Std. 9 + 3 years
<u>Royal Aeronautical Society</u>	
Associate Fellowship	
(a) Part I	-
(b) Part II	-
(c) Part III	Std. 10 + 3 years
<u>Royal Institute of Chemistry</u>	
Licentiate'ship	Std. 10 + 3 years
<u>Royal Institution of Chartered Surveyors</u>	
After 1966:	
(a) General Section: First, Intermediate and Final Examinations	Std. 10 + 3 years
(b) Agriculture and Land Agency	Std. 10 + 3 years
(c) Quantity Surveying	Std. 10 + 4 years
(d) Mining Surveying	Std. 10 + 3 years
(e) Land Surveying	Std. 10 + 3 years
Before 1966:	
Final Examination	Std. 10 + 3 years for all sections
<u>Royal Military College of Science</u>	
Ammunition Inspection Officers	Std. 10 + 3 years For graduates 1 year additional
<u>Secretaries, Chartered Institute of</u>	
Intermediate Examination	Std. 10 + 2 years
Final Examination	Std. 10 + 3 years
<u>Secretaries, Corporation of</u>	
Intermediate Examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years
<u>Secretaries of South Africa, Incorporated</u>	
Institute of	
Intermediate Examination	Std. 9
Final Examination	Std. 10
<u>Society of Engineers, Westminster</u>	
Graduateship (Grad. SE) also ASE, AMSE, MSE, and FSE	Std. 10 + 2 years
<u>South African Chemical Institute</u>	
Graduateship	Std. 10 + 4 years

Associateship	Std. 10 + 4 years
<u>South African Co-operative Officials' Association</u>	
Intermediate Examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years
<u>Stichting Ingenieursregister</u>	Std. 10 + 3 years
<u>Structural Engineers, Institution of</u>	
Graduateship	Std. 10 + 1 year
Associateship	Std. 10 + 2 years
<u>The Textile Institute</u>	
Associateship	
Part I	Std. 10 + 2 years
Part II	Std. 10 + 3 years
<u>Topographical and Engineering Surveyors of South Africa, Institute of</u>	
Associate Membership	Std. 10 + 1 year
<u>Town Planning, Institute of</u>	
Associate Membership	Std. 10 + 2 years
<u>Water Pollution Control, Institute of</u>	
(a) Pass in examination for Operators	Technical subjects, Std. 10 (NTC 3)
(b) Affiliated Membership	Technical subjects, Std. 10 (NTC 3)

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