

INS

HUMAN SCIENCES RESEARCH COUNCIL

EVALUATION OF SOUTH AFRICAN AND FOREIGN
EDUCATIONAL QUALIFICATIONS

DEPARTMENT OF INFORMATION AND SPECIAL SERVICES

PRETORIA

1970

001.3072068 HSR0
IN 5

HUMAN SCIENCES RESEARCH COUNCIL

Private Bag 41, Pretoria, Republic of South Africa

President: Dr. P. M. Robbertse

Vice-Presidents: Dr. A. J. van Rooy and Dr. J. D. Venter

Secretary: Miss K. M. Henshall

Director: Department of Information and Special Services, Dr. C. E. Prinsloo

Institutes and Departments of the HSRC

Institute for Communication Research
Institute for Educational Research
Institute for Historical Research
Institute for Languages, Literature and Arts
Institute for Manpower Research
Institute for Psychometric Research
Institute for Sociological Research
Institute for Statistical Research
Department for Financing Research
Department of Information and Special Services
Administration

Klasnr./Class No.	Registrernr./No.
001.3072068 HSRC IN 5	21942/8

RGN RAAD VIR
GEESTESWETENSKAPLIKE
NAVORSING

**BIBLIOTEK
LIBRARY**

HSRC HUMAN
SCIENCES RESEARCH
COUNCIL

W.P. 809 7/69

Function of the HSRC

The HSRC undertakes, promotes and co-ordinates research in the human sciences, advises the Government and other bodies on the utilization of research results and disseminates information on the human sciences.

VERVALDATUM / DATE DUE

Bevestigingsblad vir die publikasie terug of doen net
aan die verandering van die datum vir die laaste
stempel.

Confirmation of publication or apply for an extension
of the loan period before the last date stamped below.

1975-02-27
1975-12-27
1976-01-01

1990-03-22

DEPARTMENT OF INFORMATION AND SPECIAL SERVICES

PRETORIA

PRETORIA

1970

Ook verkrygbaar in Afrikaans

0000310000



2844363866



001.3072068 HSRC IN 5



* 0 3 1 8 3 8 *

PREFACE

The Human Sciences Research Council (HSRC) was established in terms of Act No. 23 of 1968 as a corporate body.

This Council took over the functions of the National Bureau of Educational and Social Research under the Department of Higher Education.

The evaluation of qualifications was published from time to time by the then National Bureau of Educational and Social Research in Research Series No. 5, Evaluation of South African and Foreign Educational Qualifications.

This publication replaces the Research Series No. 5 of the National Bureau of Educational and Social Research and is the first of its kind to be published by the Human Sciences Research Council (HSRC).

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.


.....

PRESIDENT

HUMAN SCIENCES RESEARCH COUNCIL

CONTENTS

	PAGE
EVALUATION OF QUALIFICATIONS	
GENERAL	1
1. REPUBLIC OF SOUTH AFRICA	2
1.1 DEPARTMENT OF HIGHER EDUCATION	2
1.1.1 TECHNICAL TRAINING	2
1.1.2 COMMERCE	4
1.1.3 DOMESTIC SCIENCE	4
1.1.4 GENERAL	
1.2 DEPARTMENT OF HIGHER EDUCATION, ASSIZE BOARD AND THE PUBLIC SERVICE COMMISSION	4
1.3 DEPARTMENT OF HEALTH	4
1.4 DEPARTMENT OF FORESTRY	5
1.5 DEPARTMENT OF AGRICULTURE	5
1.6 THE SOUTH AFRICAN PHARMACY BOARD	5
1.7 DEPARTMENT OF POSTS AND TELEGRAPHS	5
1.8 DEPARTMENT OF MINING	5
1.9 DEPARTMENT OF BANTU EDUCATION	5
1.10 DEPARTMENT OF TRANSPORT	5
1.11 TEACHER TRAINING	6
1.11.1 TRAINING FOR THE HIGH SCHOOL	6
1.11.2 TRAINING FOR THE PRIMARY SCHOOL	6
1.11.3 SPECIALIZATION COURSES	7
1.11.4 COURSES IN SPECIAL SUBJECTS	7
1.12 UNIVERSITY TRAINING	8
1.12.1 AGRICULTURE AND FORESTRY	8
1.12.2 ARCHITECTURE AND QUANTITY SURVEYING	9
1.12.3 ARTS	9
1.12.4 AUXILIARY MEDICAL SERVICES	10
1.12.5 COMMERCIAL SCIENCE	10
1.12.6 EDUCATION	11
1.12.7 ENGINEERING	11
1.12.8 FINE ARTS	12
1.12.9 LAW	12
1.12.10 MUSIC	12
1.12.11 SCIENCE	12
1.12.12 SOCIAL SCIENCES	13
1.12.13 VETERINARY SCIENCE	13
VIII PROFESSIONAL TRAINING BY INSTITUTES (REPUBLIC OF SOUTH AFRICA AND OVERSEAS)	
A. COMMERCIAL AND SECRETARIAL	
B. ENGINEERING AND TECHNICAL INSTITUTES	
2. THE NETHERLANDS	13
2.1 QUALIFICATIONS OF UNIVERSITIES AND HOGESCHOLEN (INSTITUTIONS OF UNIVERSITY STATUS)	13

	PAGE	
2.2	SCHOOL CERTIFICATES	14
2.3	NURSERY SCHOOL QUALIFICATIONS	15
2.4	TRAINING IN ELECTROTECHNICS	15
2.5	INDUSTRIAL AND TECHNICAL TRAINING	17
2.6	AGRICULTURAL AND HORTICULTURAL TRAINING	20
2.7	GENERAL TRAINING	21
3.	GREAT BRITAIN	23
3.1	UNIVERSITY QUALIFICATIONS	23
3.2	SCHOOL CERTIFICATES	23
3.3	ART AND DESIGN	24
3.4	AGRICULTURAL AND RELATED QUALIFICATIONS	25
3.5	TECHNICAL AND TECHNOLOGICAL	28
3.6	GENERAL	29
4.	BELGIUM	29
5.	GERMANY	29
6.	FRANCE	30
7.	ITALY	30
8.	NORWAY	30
9.	PORTUGAL	30
10.	SPAIN	31
11.	INSTITUTES	31
	BIBLIOGRAPHY	35

PIPICTEK
LIBRARY

HSRC

1 - 2 - 1974

STANDKODE

REGISTERNOMMER

001-3072068 HSRC IN 5 21942 8

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 following principles are applicable:

1. The Standard Seven and Standard Nine Certificates of registered private schools in the Republic of South Africa are evaluated provided that the school trains and enters its pupils for the Standard 8 (Junior Certificate) and the Standard 10 (Senior Certificate) examinations of an official body. Standard Eight and Standard Ten Certificates issued by the schools will not receive recognition. The Junior Certificate examination of the University of South Africa was conducted for the last time in December, 1960.
2. The examinations of the College of Preceptors were conducted by certain private schools in Standard 5, 6, 7 and 9 before World War II. The Junior and Senior Certificates of this institution are regarded as equal to South African Standards Seven and Nine respectively.

The following evaluations have been recommended by the Committee and have been approved by the Minister:

1. REPUBLIC OF SOUTH AFRICA
- 1.1 DEPARTMENT OF HIGHER 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 (Telecommunication - Automatic Exchanges) (Telecommunication - Carrier Stations)	Std. 10 + 2 years

(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 Formerly: National Certificate for Technicians (Sugar Technique)	Std. 10 + 2 years
National Technical Diploma Formerly: National Engineering Diploma	Std. 10 + 2 years
National Diploma for Technicians (Mechanical Engineering)	Std. 10 + 3 years
National Diploma for Technicians (Electrical Engineering - Heavy Current)	Std. 10 + 3 years
National Diploma for Technicians (Electronic Engineering)	Std. 10 + 3 years
National Diploma for Technicians (Radio Engineering)	Std. 10 + 3 years
National Diploma for Technicians (Aeradio)	Std. 10 + 3 years
National Diploma for Technicians (Analytical Chemistry) (Biochemistry) (Chemistry - Plant Operation)	Std. 10 + 3 years
National Diploma for Technicians (Medical Laboratory Technique) Formerly: National Diploma in Medical Technology	Std. 10 + 3 years
National Diploma for Technicians (Telecommunication - Mechanical Engineering) (Telecommunication - Electrical Engineering)	Std. 10 + 3 years
National Diploma for Technicians - Draughtsmanship/ Surveying (Draughtsmanship - Building) (Draughtsmanship - Cartography) (Draughtsmanship - Civil) (Draughtsmanship - Mechanical) (Draughtsmanship - Town Planning) (Surveying - Cadastral) (Surveying - Engineering) (Surveying - Geodetic) (Surveying - Topographical)	Std. 10 + 3 years
National Diploma for Technicians - Laboratory (Chemistry) (Soil Mechanics/Materials Testing) (Pathology/Microbiology)	Std. 10 + 3 years
National 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
National Diploma for Technicians - Meteorology	Std. 10 + 3 years

	National 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 National Diploma for Technicians	Std. 10 + 4 years
1.1.2	COMMERCE	
	National Std. VI Certificate	Std. 6
	National Std. VII Certificate	Std. 7
	National Junior Certificate	Std. 8
	National Intermediate Certificate	Std. 9
	National Commercial Certificate	Std. 9
	National Senior Certificate (General)	Std. 10
	National Senior Certificate (Exemption - part-time or full-time)	Std. 10
	National Senior Certificate (Art Group)	Std. 10
	National Secretarial Certificate	Std. 10
	National Diploma in Commerce	Std. 10 + 1 year
1.1.3	DOMESTIC SCIENCE	
	Practical Domestic Science Certificate	None
	National Std. VI Certificate	Std. 6
	National Std. VII Certificate	Std. 7
	National Std. VIII (Junior) Certificate	Std. 8
	National Std. IX (Intermediate) Certificate	Std. 9
	National Std. X (Senior) Certificate	Std. 10
	National Housemother Certificate (Intermediate) (Senior)	Std. 8 + 2 years training in specific subjects on the level of National Senior Certificate
	Formerly: Advanced National Domestic Science Certificate in specialised subjects (without Languages)	
1.1.4	GENERAL	
	National Diploma in Archival Science	1 year additional with a minimum of Std. 10 + 4 years
	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 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 (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 Tropical Hygiene	1 year additional
1.2	DEPARTMENT OF HIGHER EDUCATION, ASSIZE BOARD AND THE PUBLIC SERVICE COM- MISSION	
	National Examinations in Assizing	Std. 10 + 3 years
1.3	DEPARTMENT OF HEALTH	
	Basical training as Nurse	(a) Std. 10 + 3 years in the event of persons who were in possession of the Std. 10 certifi- cate at the time of their passing the exa- mination.

		(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.
	Basical 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, 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 TEACHER TRAINING

1.11.1 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
------------------------------------	-------------------

1.11.2 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

1.11.3 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 years
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 specialization in the education of deviate children)	Std. 10 + 3 years
---	-------------------

1.11.4 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 Needle- work (Potchefstroom)	Std. 10 + 3 years
Teachers' Diploma in Domestic Science (Stellan- bosch)	Std. 10 + 3 years

Teachers' Diploma in Commercial 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 (Specialization 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

1.12 UNIVERSITY TRAINING

1.12.1 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

1.12.2	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
1.12.3	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
1.12.4	AUXILIARY MEDICAL SERVICES	
	Bachelor of Science (Nursing)(B.Sc. Nursing)	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 + 3 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
1.12.5	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 (M.B.L.) (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

	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 Theory of Accountancy	Std. 10 + 3 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 (Potchefstroom 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
1.12.6	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
1.12.7	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

1.12.8	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
1.12.9	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
1.12.10	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
1.12.11	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. Chemi- cal Technology)	Std. 10 + 5 years
	Bachelor of Science (Honours) (B.Sc. Hons.)	Std. 10 + 4 years
	Bachelor of Science (Domestic Science) (B.Sc. Domes- tic Science)	Std. 10 + 4 years
	Bachelor of Science (Dietetics) (B.Sc. Dietetics)	Std. 10 + 4 years
	Bachelor of Science (Chemical Technology) (B.Sc. Chemical Technology)	Std. 10 + 4 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
1.12.12	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
1.12.13	VETERINARY SCIENCE	
	Doctor in Veterinary Science (D.V.Sc.)	Std. 10 + 7 years
	Bachelor of Science (Veterinary Science) (B.V.Sc.)	Std. 10 + 5 years
2.	THE NETHERLANDS	
2.1	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 (Ryksuniversiteit, 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

Technical Sciences (Engineering)

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
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

2.2

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

	Class	
Handelsavondschoon (Commercial Evening School)	As for Handelsdagschoon	
Middelbare Meisjesschoon (MMS) (Intermediate School for Girls)	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 9
	5th	Std. 10
Hogere Burgerschoon (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.

- 2.3 NURSERY SCHOOL QUALIFICATIONS
- | | |
|---|--|
| Akte van Bekwaamheid als Leidster (Akte A) | National Senior Certificate (Domestic Science) |
| Akte van Bekwaamheid als Hoofdleidster (Akte B) | Std. 10 + 1 year |

2.4 TRAINING IN ELECTROTECHNICS

	Class
<u>Vereniging tot Bevordering van Elektrotechnisch Vakonderwys (VEV)</u>	
Adspirant	
VEV Cursist (AVC)	
A Diploma	Std. 7
B Diploma	Std. 7
Sterkstroom or Zwakstroom Hulpmonteur	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 Certifi- cate

Electrotechnische School

Getuigschrift ETS	National Junior Certifi- cate (Technical)
Laboratorium-Assistent	National Senior Certifi- cate (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 (Techni- cal)

Koninklijk Technicum

PBNA	
Hoger Technisch Basisexamen Electro- techniek	NTC 1
Adspirant Electrotechnisch Opzichter	NTC 1
Elektrotegnisch Opzichter (Algemeen gedeelte)	NTC 2
Electrotechnisch opzichter	NTC 3
Electrotechnikus	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" follow 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 Zwak- stroom)	NTC 1
Elektrotechnisch 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

2.5

INDUSTRIAL AND TECHNICAL TRAINING

School or Institute	Class	Recognition
<u>Lager Nijverheidsonderwijs (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 Dagvakscholen (Lager Technische Scholen)	Prelimina- ry Selec- tion 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 verdeling van Am- bacht)		NTC 2
Bedrijfscholen		School certificate + 1 year (Technical)
<u>Uitgebreid Lager Nijverheidsonder- wijs (ULNO)</u>		
ULNO-school	1st	Std. 7 + 1 or 2 years in specific subjects
Akte U	1st	National Std. 8 + 2 years
Eenjarige Huishoudkundige Vooroplei- ding	Basic Class	Std. 8
Huishoudkunde; voor inrichtingen en plattelanden	1st	National Std. 9 (Domes- tic Science)
Vooropleiding tot Akte NS	1st	Std. 8
Akte V	1st	Std. 8 (Domestic Science) + 1 year
Vorbereidend Middelbaar Technische Onderwijs (VMTO)		Std. 8

	Class	
Dagscholen voor Uitgebreid Technisch Onderwijs (UTO)	"Schakel" class	Std. 8
	1st	NTC 2
	2nd	NTC 3
	3rd	NTC 4
	4th	NTC 5
 <u>Middelbaar Nijverheidsonderwijs voor meisjes</u>		
Aktes vir onderwijs aan LNO ULNO en MNO Hoger (Middelbaar) Nijverheidsonderwijs (MNO)		National Std. 10 (Domestic Science) + 1 year
 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 Gimnasium - Diploma)		Std. 10 + 2 years Std. 10 + 3 years
(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:		
Dagcurcus, leerlingscheepswerktuigkundige	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
<u>Autotechnische Opleiding</u>		
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)
<u>Grafische Bedrijf</u>		
Grafische School te Amsterdam en School voor Grafische Vakken te Utrecht	1st 2nd 3rd	NTC 2 NTC 3 NTC 4
<u>Luchtvaart Nijverheidsschool (Formerly "Technische School")</u>		
Section ULNO		NTC 3
Section MNO		NTC 4
<u>Rijksvak- en Kunstnijverheidsschool voor Goud- en Silversmeden en Horloge- makers</u>		
Dagschool	1st 2nd 3rd 4th	NTC 2 NTC 3 NTC 4 NTC 5
	1st Continuation Class	No further recognition
	2nd Continuation Class	
Avondschool		As for Dagschool
<u>Christiaan-Huygens- School</u>		
Day classes		
(a) Horlogemaker		NTC 2
(b) Fijninstrumentmaker		NTC 1
(c) Fijn-mechanics-technicus	1st 2nd 3rd	NTC 1 NTC 2 NTC 3
Evening Classes		
(a) Horlogemaker		Elementary Technical Certificate
(b) Fijninstrumentmaker		NTC 2
<u>Horlogemakersvakschool, Winnubst</u>		
Leerlingexamen		NTC 2
Vestigingsexamen		NTC 4
Meesterexamen		NTC 5

Leidsche Instrumentmakerschool

(a) Leerling		NTC 1
(b) Gezel		NTC 2
(c) Meester		NTC 3
(d) 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)	NTC 5
	2nd)	
Vervolgcurcus (3 year continuation course in Electrotechnics and Mechanical Building) (Werktuigbouwkunde)	3rd	Std. 10 + 2 years

2.6

AGRICULTURAL AND HORTICULTURAL TRAINING

Lager Landbouwonderwijs

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

Landbouwcurcussen (Voorbereidende 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 Tuinbouwcurcussen	1st	Std. 6
	2nd	Std. 7
	3rd	Std. 8
	4th	Std. 8 + 1 year
Tuinbouwvakscholen		Dependent on previous training

Hoger Landbouwonderwijs

Rijks Hogere en Bijzondere Landbouwscholen (Ede, Leeuwarden, Dordrecht, Groningen en Roermond)	1st	Std. 9
	2nd	Std. 10
	3rd	Std. 10 + 1 year
Rijks Hogere School voor Tropische Landbouw (Deventer) (State College of Tropical and Sub-tropical Agric.)	1st	Std. 9
	2nd	Std. 10
	3rd	Std. 10 + 1 year
Middelbare Land en Bosbouwscholen		Std. 9
Rijks Hogere Zuivelscholen, and the Hogere Zuivelschool of the KNBTB with a five year training; three years at school and two years practical	1st	Std. 9
	2nd	Std. 10
	3rd	-
	4th	Std. 10 + 1 year
Middelbare Bosbouw- en Cultuurtechnische 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-Wetenschappelijke Opleiding)	Std. 10 + 3 years
Opleiding voor Technisch-Commerciële Functionarissen Opleiding, Dagcursus voor Textielhandel	Std. 10 + 3 years 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, Tarief- deskundigen, Laboranten, Controleurs, enz.	NTC 4

2.7 GENERAL TRAINING

Hoger Kunstnijverheidschool	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 Bedrijfsadministratie (SPD)	1st 2nd	Entrance qualification + 2 years
Nederlandsche Vereniging voor Gemeente belangen		
(a) Gemeente-administratie	Part I Part II	Std. 8 + 2 years Std. 10 + 2 years or degree + 1 year
(b) Gemeente financiën	Part I Part II	Std. 8 + 2 years Std. 10 + 2 years or degree + 1 year
Middenstandsdiploma, Algemene Handelskennis		Entrance qualification + 1 year
Kweekschool, Detailhandel)		Std. 8
School tot Opleiding van)		
Winkelpersoneel)		
CJDC Goedhartstichting		
(a) Opleiding tot Directeur Verbruikscoöperatie		Std. 10 + 2 years
(b) Opleiding tot Directeur Landbouwvereniging		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) Assistentie (Jeugbibliotheek)		Std. 10 + 1 year
(b) Assistentie 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 Physiotherapeut		Std. 10 + 2 years
School voor Suikerindustrie	1st	NTC 2
	2nd	NTC 3
Middelbare Confectieschool "Mr. Koetzier" (Amsterdam)	1st	NTC 2
	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

3. GREAT BRITAIN

3.1 UNIVERSITY QUALIFICATIONS

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

3.2 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
--	---------

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 Schools (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

3.3 ART AND DESIGN

Ministry of Education	(a) Intermediate Certificate in Arts and Crafts	Std. 10 (Art Group) + 1 year
	(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 or Des RCA without School Certificate or GCE 5 subjects O 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 Education Department (Scotland)	Qualified Teacher (Art)	Std. 10 + 2 years
	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

3.4 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 or 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 and Edinburgh	Diploma of the RHS Gardens or Royal Botanic Gardens	Std. 8 + 2 years
The College of Aeronautical and Automobile Engineering, Chelsea and The Council of the Institution of Agricultural Engineering	National Diploma in Agricultural Engineering, Intermediate	Std. 9 + 2 years
Essex Institute of Agriculture Writtle, Chelmsford and The West of Scotland College of Agriculture	Diploma and/or 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 and 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	NTC 2
	(b) Final Certificate in Agricultural Engineering Fitters' Work	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 also 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 and 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)	Std. 9 + 2 years but no additional recognition after a degree in dairying
	(b) National Diploma in Dairying <u>plus</u> a degree in Agriculture	1 year additional
	(c) National Diploma in Dairying <u>plus</u> NDA (National Diploma in Agriculture)	1 year additional
	(d) National Diploma in Dairying Technology	Std. 9 + 2 years
Plaas-Institute	Certificate of the Institute (Poultry)	1 year additional
Landboukolleges	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 or 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
--	------------------------------------	------------------

3.5 TECHNICAL AND TECHNOLOGICAL

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 or technical subjects Std. 8 in the subjects passed (NTC 1) Std. 8 or technical subjects Std. 8 in the subjects passed (NTC 1) Elementary Technical Certificate or 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. or 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 Associateship in Applied Physics AWCT (Cardiff) (b) Fellowship of the British Optical Association FBOA	Std. 10 + 4 years Std. 10 + 2 years
The Royal College of Science and Technology, Glasgow	(a) Associateship ARCST (b) College Certificate	Std. 10 + 4 years Std. 10 + 2 years

The Heriot-Watt College, Edinburgh	(a) Associateship: Mechanical, Electrical, Civil; Civil (Gas) and Chemical Engineering	Std. 10 + 4 years
	(b) Applied Chemistry, Applied Physics, Applied Mathematics; Building Construction	Std. 10 + 4 years
	(c) Mining Engineering and Brewing	Std. 10 + 3 years
	(d) Certificate: Printing and Brewing	Std. 10 + 2 years
Robert Gordon's Technical College, Aberdeen	(a) Associateship (b) College Diploma	Std. 10 + 4 years Std. 10 + 3 years
Faraday House Engineering College	Associateship	Std. 10 + 2 years
	Diploma after 1 year practical work	No further recognition
National College of Food Technology, Weybridge, Surrey	(a) Diploma	Std. 10 + 1 year
	(b) Associateship	Std. 10 + 3 years
	(c) Post-Graduate Diploma	Degree + 1 year additional
National College of Rubber Technology	(a) Associateship AMCRT and AIRI (Institute of Rubber Industry)	Entrance qualification + 1 year
	(b) Ditto:- 3 years full-time or 4 years sandwich course	Std. 10 + 3 years
	(c) Licentiate Institute of Rubber Industry (LIRI)	Std. 10
	(d) Associateship Institute of Rubber Industry (AIRI)	Entrance qualification + 1 year
	(e) AIRI - 4 years part-time after Licentiate-ship	Std. 10 + 3 years
3.6 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-ship	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
4. BELGIUM		
Ingénieur Civil		Std. 10 + 5 years
Diploma of Technisch Ingénieur		Std. 10 + 3 years
5. GERMANY		
Diplom Betriebswirtschaft (Industrial Economics)		Std. 10 + 3 years
Diplom Ingenieur (Engineering)		Std. 10 + 5 years

	Diplom Volkswirt (National Economics)	Std. 10 + 3 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
6.	FRANCE	
	Diplôme d' Ingénieurs	Std. 10 + 5 years
7.	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)
	<u>Istituto Tecnico Commerciale</u>	
	Ragioniere	Std. 10
	Perito Commerciale	Std. 10
	<u>Istituto Magistrale</u>	
	Diploma Di Abilitazione Magistrale	Std. 10
8.	NORWAY	
	Diploma Statens Gymnastikskole Oslo	Std. 10 + 2 years
9.	PORTUGAL	
	Licenciatura Engenheiro	Std. 10 + 5 years

10.	SPAIN	
	Licenciatura o titulo de Ingeniero	Std. 10 + 5 years
11.	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)
	<u>Architects and Surveyors</u> , Faculty of Final examination	Std. 10 + 1 year
	<u>Architects and Surveyors</u> , Incorporated Association of Student Membership	Std. 9
	Associateship	Std. 10 + 3 years
	<u>Administration and Commerce of S.A.</u> , Institute of Intermediate examination	Std. 10 + 1 year
	Final Examination	Std. 10 + 2 years
	<u>Bankers in S.A.</u> , Institute of Preliminary Examination	Std. 10 + 1 year
	Final Examination	Std. 10 + 2 years
	<u>Bookkeepers of S.A.</u> , Faculty of Intermediate Examination	Std. 8
	Final Examination	Std. 9
	<u>Builders</u> , Institute of Licentiate'ship	Std. 10 + 1 year
	Associateship	Std. 10 + 2 years
	<u>Building Surveyors</u> , Institute of Associateship	Std. 10 + 3 years
	<u>Certified Bookkeepers of S.A.</u> , Institute of Associateship Examination	Std. 8
	Fellowship Examination	Std. 9
	<u>Certified Secretaries</u> , South African Association of Associate'ship Examination	Std. 9
	Fellowship Examination	Std. 10
	<u>Civil Engineers</u> , Institution of Associateship	Std. 10 + 3 years
	<u>Clerks of Works of Great Britain Incorporated</u> , Institute of (a) Membership	Std. 10 + 2 years
	(b) Membership after another diploma	1 year additional
	<u>Continentially-trained Engineers</u> , South African Institute of Graduate Member	Std. 10 + 2 years
	Full Member	Std. 10 + 3 years
	<u>Cost and Works Accountants</u> , Institute of Intermediate examination	Std. 10 + 1 year
	Final examination	Std. 10 + 2 years

<u>Electrical Engineers</u> , Institution of	
Associateship	Std. 10 + 3 years
<u>Electronic and Radio Engineers</u> , Institution of	
(Formerly the British Institution of Radio Engineers Graduateship)	
(a) Section A	-
(b) Section B	Std. 10 + 2 years
<u>Gas Engineers</u> , Institution of	
Associateship	
(a) Part I	-
(b) Part II	Std. 10 + 2 years
<u>Heating and Ventilating Engineers</u> , Institution of	
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</u> , Institute of	
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</u> , Institution of	
Graduateship	Std. 10 + 2 years
Associateship	Std. 10 + 3 years
<u>Metallurgists</u> , Institute of	
(a) Student membership	Std. 10
(b) Graduateship	Std. 10 + 1 year
(c) Licentiatehip	Std. 10 + 2 years
(d) Associateship	Std. 10 + 3 years
(e) Fellowship	Std. 10 + 4 years
<u>Mining and Metallurgy</u> , Institutions of	
Associateship	
(a) Section A	
(b) Section B	Std. 10 + 3 years
<u>Motor Industry</u> , Institute of	
Membership - without completion of apprenticeship	Std. 10 + 1 year
Membership - apprenticeship completed	Std. 10 + 2 years
<u>Municipal Engineers</u> , Institution of	
Associateship or	Std. 10 + 3 years
Associate Membership	Std. 10 + 3 years
<u>Municipal Treasurers and Accountants (S.A. Incorporated), Institute of</u>	
Intermediate examination	Std. 10 + 1 year
Final examination	Std. 10 + 2 years
<u>Netherlands Institute for Engineers</u> , South Africa	
Associate Member	Std. 10 + 3 years

<u>Physics</u> , Institute of Graduateship Grad. Inst. P. also Associateship and Fellowship (A. Inst. P. and F. Inst. P.)	Std. 10 + 3 years
<u>Physical Society</u> (See Physics, Institute of)	
<u>Plastics Institute</u>	
(a) Diploma	Std. 10 + 1 year
(b) Graduateship	Std. 10 + 3 years
(c) Associateship	No further recognition
<u>Production Engineers</u> , Institution of Associateship - before 1960	Std. 10
Associateship - after 1960	Std. 10 + 1 year
<u>Public Health Engineers</u> , Institution of Associateship	Std. 10 + 3 years
<u>Quantity Surveyors</u> , Institute of	
(a) Trial Membership	Std. 10 + 1 year
(b) Graduateship	Std. 10 + 2 years
(c) Associateship	Std. 10 + 3 years
<u>Radio Engineers</u> , Institution of	
(a) Graduateship (Before 1962)	NTC 4
(b) Graduateship (After 1962)	NTC 5
<u>Radiographers</u> , Society of	
(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</u> , Chartered Institute of	
Intermediate examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years
<u>Secretaries</u> , Corporation of	
Intermediate Examination	Std. 10 + 1 year
Final Examination	Std. 10 + 2 years

<u>Secretaries of S.A.</u> , Incorporated 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>Water Pollution Control, Institute of</u>	
(a) Pass in examination for Operators	Technical subjects, Std. 10 (NTC 2)
(b) Affiliated Membership	Technical subjects, Std. 10 (NTC 3)

BIBLIOGRAPHY

- Beyers, W.E.H.: Gids voor School en Beroep. 3de hers. dr. Haarlem, Uitgeverij de Toorts, 1965.
- België, Ministerie van Nationale Opvoeding en Cultuur: Leidraad van het Hoger Onderwijs, Brussel, 1963.
- Cartter, Allan M.: American Universities and Colleges. Washington, American Council on Education, 9th ed., 1964.
- Commonwealth Universities Yearbook. London, Association of Commonwealth Universities, 45th ed., 1968.
- Council for Cultural Co-operation of the Council of Europe: Education in Europe, Section II - School Systems, a Guide. Strasbourg, 1965.
- Council for Cultural Co-operation of the Council of Europe: Primary and Secondary Education. Strasbourg, 1963.
- Cramer, J.F. and Browne, G.S.: Contemporary Education - A comparative Study of National Systems, New York, Harcourt, Brace and World, Inc., 2nd ed., 1965.
- International Handbook of Universities 1968: Paris, The International Association of Universities, 4th ed., 1968.
- Nederland, Minister van Onderwijs, Kunsten en Wetenschappen: Mensen Maken. 2de dr. 's-Gravenhage, Minister van Onderwijs, Kunsten en Wetenschappen.
- Nederland, Ministerie van Onderwijs en Wetenschappen: Na het Eindexamen? Studeren?. 16de hers. dr. 's-Gravenhage, Staatsuitgeverij, Ministerie van Onderwijs en Wetenschappen, 1966.
- Priestley, B.: British Qualifications - A comprehensive guide to educational, technical, professional and academic qualifications in Britain, London, Andre Deutsch 1966.
- Segal, A (Ed.): Which University 1968. London, Cornmarket Press Limited, 1968.
- Unesco: World Survey of Education. Handbook of Educational Organization and Statistics. Paris, Unesco, 1959.
- Unesco: World Survey of Education. Vol. II Primary Education. Paris, Unesco, 1958.
- Unesco: World Survey of Education. Vol. III Secondary Education. Paris, Unesco, 1961.
- Unesco: World Survey of Education. Vol. IV Higher Education. Paris, Unesco, 1966.
- World of Learning 1968 - 1969. London, Europa Publications Limited, 19th ed., 1969
- Yearbook of Technical Education and Careers in Industry 1967. London, Adam and Charles Black, 11th issue, 1967.



