

DOCUMENT

**HEALTH CARE PROFESSIONS IN THE
MEMBER STATES OF THE EUROPEAN
COMMUNITY**

EDUCATION AND TRAINING



**COMMISSION
OF THE EUROPEAN COMMUNITIES**

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**HEALTH CARE PROFESSIONS IN THE MEMBER STATES OF THE
EUROPEAN COMMUNITY
EDUCATION AND TRAINING**

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LIST OF ABBREVIATIONS USED IN THE TEXT

approx	approximately
B	Belgium
BA	Bachelor of Arts
BSc	Bachelor of Science
c	circa
cert	certificate
cont	continued
D	Federal Republic of Germany
DK	Denmark
ECG	Electro-Cardiograph
EEC	European Economic Community
etc	etcetera
event	eventual
exam	examination
F	France
GB	Great Britain
GR	Greece
grad	graduate
h } hrs }-	hour(s)
Hons degree	Honours degree
IRL	Republic of Ireland
I	Italy
incl	including
Jan	January
L	Luxembourg
min	minimum
mnths	months
nat	national
NL	Netherlands
Nov	November
Oct	October
SCOTBEC	Scottish Business Education Council
SCOTEC	Scottish Technical Education Council
SCOTVEC	Scottish Vocational Education Council
wks	weeks
y } yrs }-	years

Abbreviations referring to education terminology are explained in the Education Supplement.

CRITERIA FOR SELECTION OF HEALTH CARE PROFESSIONS

- 1 The selection does not include doctors, dentists, nurses and midwives, who are included in EEC-Directives. Knowing that EEC already has Directives for general nurses and midwives and that EEC is considering Directives for other groups of nurses eg registered mental nurse and registered sick children's nurse
 - i the selection does not include groups with post-basic qualifications which depend on one of the basic qualifications included in the EEC-Directive
 - ii the selection does not include groups which can be described as qualified nurses, even if they are not covered by the EEC-Directive, but it does include other associated professions which observe the criteria.
- 2 The selection includes professions for which there is a training recognised at national or at least at regional level (for example German "Länder"), leading to a recognised diploma or certificate. As a consequence, professions that do exist at national or regional level, but for which there is no recognised diploma or certificate, are not incorporated.
- 3 The selection includes professions where both the training and the function are specifically directed towards health care. Therefore, professions that are found (or even common) in health care, but of which the training and function are not specifically directed towards health care, are not incorporated.
- 4 The selection includes any profession that observes these criteria in at least one country.

F O R E W O R D

The Ministers of Health of the Member States, meeting in Brussels on 29 November 1984 and in Venice 3 and 4 May 1985, acknowledged the need to reduce health care expenses and urged the Commission to look in depth at some related issues one of them being the planification of health care professions in the Community.

The present report was prepared by the Hospital Committee of the European Community and it covers some of the major issues related to paramedical personnel in Member States.

It is a useful and unique document which will be of interest to health planners and to health economists.

Dr. E. BENNETT
Director
Health and Safety Directorate

INTRODUCTION

The Hospital Committee of the EEC is an association of the national hospital organisations of the member states of the European Community. In accordance with the Treaty of Rome the Hospital Committee seeks to promote a uniformly high standard of hospital care throughout the EEC. Its objectives include the development and maintenance of information about the planning and operation of hospital services within the EEC.

Following these objectives the Hospital Committee of the EEC has previously published a Glossary of current hospital terminology in use in the countries of the EEC and, in association with Gyldendal of Denmark, a book entitled "Hospitals in the EEC - Organisation and Terminology".

The European Commission has shown an interest in the harmonisation throughout the Community of professional qualifications and there are already EEC Directives about the professional training and qualifications of doctors, dentists, nurses and midwives.

The Hospital Committee has undertaken this study of other health care professions in order to produce information which will be useful to the EEC Commission for any future Directives, to the members of these professions in each country and to hospital managers. The study is supplementary to the previous work of the EEC Commission and to the previous publications by the Hospital Committee.

For the professions which satisfy the criteria adopted by the Hospital Committee for this study the report aims to show the countries in which each profession exists, pre-entry educational requirements, training requirements, level of professional education, arrangements for the award of diplomas and for professional registration and the functions undertaken by qualified personnel. The principal part of this report is the complete statement of the results of the study. The report also includes comment on the apparent differences revealed by the study in the training arrangements for some of these professions. Differences can limit the free movement of staff within the EEC. Harmonisation of the qualifications for these professions will require attention to these differences in the current training arrangements.

The Hospital Committee recognises that hospitals in various countries employ graduates or other professionally qualified employees who are not included in this report. The usual reason for omitting these categories of staff from this report is that they do not satisfy the third of the criteria adopted by the Committee. For example, in the United Kingdom staff with science degrees, for example Medical Physicists, are employed in hospitals but their degrees are the same as scientists working in other areas and they have not taken an additional special qualification for work in hospitals or Health Services. Another reason for excluding some categories of staff is that the Committee's criteria exclude qualified nurses. Functions which in some countries are undertaken by independent professions with separate training are undertaken in other countries by staff who have first qualified as nurses. The latter are excluded from the report.

In the course of the study the Hospital Committee has found the training arrangements are continuously under review in each country and subject to change from time to time. Any publication on this subject can reflect only the position at one point in time and is liable to be inaccurate even by the date of publication or at least soon after publication. This report is based on the position as at 30 June 1984. If this report is to remain a useful reference document it will require revision in future to incorporate corrections and new information and to take account of new member states to the EEC.

R R W STEWART
President/Chairman
of Sub Committee on
Community Coordination
1983/84

CORRIGENDUM ;

Instead of "Republic of Ireland", please read "Ireland"

NOTE

Suggestions for amendments, corrections, deletions and insertions, and comments, which may be useful for future editions, are invited, will be welcomed, and should be sent to the Editor

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Key

X indicates countries for which information is tabled.

- indicates a profession for which there is no equivalent or which does not observe the criteria.

It should be noted that professions 26, 35, 39 and 40 are not subdivided in all countries and that the professions in the sub-divisions may exist but be categorised under the main heading.

LIST OF HEALTH CARE PROFESSIONS IN THE EEC
 LISTE DES PROFESSIONS DE SANTE DANS LA CEE
 "LISTE ÜBER DIE HEILBERUFE IN DER EWG

	PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
1	Ambulance First Aid Technician/Ambulanceman Ambulancier Rettungssanitäter	X	X	-	X	X		X		X	-
2	Anaesthetics' Assistant Infirmier-anestésiste Anästhesist Assistant	-	-	-	-	-		-		-	X
3	Art Therapist/Creative Therapist Ergothérapeute Artistique Kunsttherapeut	-	X	-	-	X		-		-	X
4	Assistant Medical Analytical Chemist Assistant de Laboratoire en Chimie Technischer Assistent in der Medizin (Labor)	idem 26	-	-	-	-		-		-	X
5	Audiologist Audiologiste Audiologe	X	-	-	-	-		X		-	X
6	Audiometrician/Audiology Technician Audiométriste Audiométrist	-	-	X	-	X		X	X	-	X
7	Auxiliary Child Care Worker/Nursery Nurse Auxiliaire de Puériculture Hilfskinderschwester	-	-	-	X	X		-		-	X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
8 Auxiliary Nurse/Hospital Assistant Nurse Aide-Soignante Krankenpflegehelferin	X	X	X	X	-		-	-	X	-
9 Cardiac Catheterisation Technician Technicien en Cathétérisme Cardiaque Techniker für Herzkatheterisierung	-	-	-	-	-		X		-	X
10 Child Care Worker Puériculteur Kinderschwester	X	X	-	-	idem 7		X		-	idem 7
11 Child Psychotherapist Spécialiste en Psychothérapie pour Enfants Kinder-Psychotherapeut	-	X	X	-	-		-		-	-
12 Chiropodist Pédicure Fusspflegerin	X	-	X	X	X		X		-	X
13 Cleaner/Disinfectant Agent de Désinfection Desinfektor	-	X	-	-	-		-		-	-
14 Clinical Psychologist Psychologue Klinische/Krankenhauspsychologe	X	X	X	X	X		X	X	X	X
15 Dental Auxiliary Assistante Dentaire Zahnarzthelferin	-	X	-	-	X		-		-	X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	ML
16 Dental Hygienist Technicien d'Hygiène Buccale Zahnhygieniker	-	-	X	-	X		-		-	X
17 Dental Surgery Assistant Assistant de Chirurgie Dentaire Assistent ftr Zahnchirurgie	-	-	-	-	X		X		-	-
18 Dental Technician Technicien Dentiste Zahntechniker	X	X	X	-	X		X	X	X	X
19 Dietitian Diététicien Diätassistent	X	X	X	X	X		X	X	X	X
20 Doctor's Assistant Médecin Assistant Arzthelferin	-	X	-	-	-		-		-	X
21 Engineer for Medical Technique/Medical Engineering Specialist/Medical Technique Engineer/Engineer for Technical Hygiene Ingénieur Biomédical Medizintechnik Ingenieur	-	X	X	-	-		-	X	-	-
22 Environmental Health Officer/Engineer for Environ- mental and Hygiene Protection/Sanitary Engineer/ Health Inspector Inspecteur d'Hygiène Sozialmedizinischer Assistent	-	X	-	-	X		X		-	X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
23 Hospital Chaplain Aumônier de l'Hôpital Krankenhausseelsorger	X	X	-	-	-		-		-	X
24 Medical Analytical Chemist Chimiste Médical Arzt für Labormedizin oder klinischer Chemiker	-	-	-	-	-		-			X
25 Medical Artist Dessinateur en Anatomie Kunsttherapeut	-	Idem 3	-	-	X		-	X	-	Idem 3

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
26 Medical Laboratory Scientific Officer/Medical Laboratory Technician/Medical Laboratory Technologist/Laboratory Technician Technicien Laboratoire/Adjoint Technique Laboratoire/Laborantin Medizinisch-technischer Laboratoriumsassistent - Biomedical Technician - Assistant de Laboratoire en Biologie Médicale/Technicien Biomédical Biomedizinischer Techniker - Cytology Technician - Assistant de Cytologie Cytologieassistent - Medical Technician - Technicien Médical - Medizin-techniker - Medical Technical Assistant - Assistant Technique Médical - Technischer Assistent in der Medizin (Labor) - Pathology Laboratory Assistant - Assistant de Laboratoire en Pathologie - Assistant Laboratoire der Pathologie - Medical Technical Surgical Assistant - Instrumentiste - unbekannt in der BRD	X	X	X	X	X	X	X		X	X
27 Medical Photographer Photographe Médical Medizinischer Fotograf	-	-	-	-	X		-		-	X
28 Medical Physics Technician Technicien de Physique Médicale Physikologisch-technischer Assistent	-	-	-	-	X		-		-	-

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
29 Medical Secretary Secrétaire Médicale Arztsekretärin	X	X	X	-	X		-		-	X
30 Medical Social Worker/Psychiatric Social Worker Assistant Social Médical ou Psychiatrique Sozialarbeiter/Sozialarbeiter (in der Psychiatrie)	-	X	X	-	X	X	X	X	-	X
31 Music Therapist Thérapeute Musical Musiktherapeut	-	X	-	-	-		-		-	X
32 Non-Medical Health Practitioner/Non-Medical Practitioner Officier de Santé Heilpraktiker	-	X	-	-	-		-		-	-
33 Occupational Educationalist/Therapeutic Educationalist Educatteur Spécialisé/Psychorééducateur Heilpädagoge	-	X	X	X	-		-		X	idem 34
34 Occupational Therapist Ergothérapeute Beschäftigungs- und Arbeitstherapeut	X	X	X	X	X	X	X		X	X
35 Optician Opticien Optiker - Ophthalmic Spécialisé en Ophthalmologie Unterteilung nicht bekannt in der BRD - Dispensing Opticien agréé	X	X	X	X	X	X	X		X	X
					X		X			X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
36 Orthoptist Orthoptiste Orthoptist	-	X	-	X	X		X	X	-	X
37 Pharmaceutical Assistant/Technician Assistant de Pharmacie Pharmaceutischer Assistent/Apothekenhelfer	X	X	X	-	-	X	-		-	X
38 Pharmaceutical Biological Technician Technicien Biologiste de Pharmacie Pharmazeutisch-Technischer Assistent	X	X	-	-	-		-		-	-
39 Physiological Measurement Technician Technicien "Techniker für Audiologie - Audiology en Audiologie Audiologie - Cardiology en Cardiologie - Neurophysiology en Neurophysiologie Neurophysiologie - Respiratory en Fonctions Respiratoires Lungenfunktionsdiagnostik - Physiology/	-	-	-	-	X	X	-	X	-	X
					X			X		X
					X			X		X
					X			X		X
					X			X		X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
- Physiology en Physiologie Physiologie - Psychology Assistant en Psychologie Psychologie					X -					- -
40 Physiotherapist Masseur-Kinésithérapeute/Physiothérapeute Physiotherapeut - Masseur Masseur Masseur - Masseur and Hydro-Therapist Masseur-Hydrothérapeute Masseur und medizinischer Bademeister	X	X X X	X	X	X	X	X	X	X X X	X - -
41 Post-Mortem Room Technician/Medical Assistant for Autopsy/Autopsy, Dissection and Pathology Laboratory Technician Agent d'Amphithéâtre Medizinischer Sektions - und Präparationsassistent	-	X	X	-	X		X		-	-
42 Prosthetist/Orthotist Prothésiste Orthopédie-Mechaniker	X	X	-	-	X		X		-	X
43 Psychotherapist Psychothérapeute Medizinischer Psychotherapeut	Idem 14	X	-	-	-		-		Idem 14	X

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	I	L	NL
44 Radiographer Manipulateur Radio Medizinisch-technischer Radiologieassistent	-	X	X	X	X	X	X	X	X	X
45 Remedial Gymnast Kinésithérapeute Krankengymnast	Idem 40	X	-	Idem 40	X		-		Idem 40	-
46 Social Therapist Socio-thérapeute Soziotherapeut	-	-	-	-	-		-		-	X
47 Speech Therapist Logopède/Orthophoniste Logopæde/Sprachtherapeut	X	X	-	X	X		X		X	X
48 Surgical Operation Assistant Assistant Technique Médical de Chirurgie Operationsassistent	-	-	-	-	X		-		-	Idem 2
49 Trussmaker Bandagiste Bandagist	X	X	-	-	-		-		-	-

NOTE

I* indicates that the information provided refers to the province of Emilia Romagna.

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: AMBULANCE FIRST AID TECHNICIAN/AMBULANCEMAN (GB) AMBULANCE DRIVER (IRL)
 SECOURISTE/AMBULANCIER (B + L)
 RETTUNGSSANITÄTER (D)
 AMBULANCIER (F)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
B	First Aid Certificate recognised by Ministry of Labour	No	21	Driver's certificate type B + medical examination.	Varies	Yes	Yes	First aid on scene of accident and in the ambulance; transport of patients	Ambulance driver for public and private hospitals
D	Training Course Direction	No	18	Driver Certificates, first aid course	520 h	200 h	320 h	Idem B	Life-saving services such as Red Cross, Fire Brigade, The Maltese Association "Johanniter-Bund" etc
F	Certificate of Competence of Ambulanceman	No	19	-	300 h	140 h	160 h	Idem B	Hospital, Private enterprises
GB	National Health Service Committee	No	Between 18 & 35	Nil	14 mnths	2 months	1 year	Idem B	Hospital, community

PROFESSION: AMBULANCE FIRST AID TECHNICIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Health Board Training Centre	No	Minimum age varies but usually 21 years	Generally there is no formal educational requirement but some Health Boards require candidates to have at least level in the Day Group Certificate or the Intermediate Certificate	5 wks	4 wks	The duration of the training course may vary but usually consists of 1 week	Transport of patients/first aid	Hospitals, Fire Brigade
Civil Protection (= Department of Home Affairs)	No	-	9 years schooling	-	-	Optional course	First aid on scene of accident & transport of patients	Hospital

IRL

L

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: ART THERAPIST/CREATIVE THERAPIST (GB)

3

KUNSTTHERAPEUT (D)

CREATIEF THERAPEUT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Colleges	No	-	A-level final examination (general degree/specialized degree) & one year of practical social training	4½ yrs (= 14 Trimester)	5533 h of which 1690 h must be spent in seminars	4½ months	Special academy	To educate & to cure with the help of artistic means	Hospitals, Rehabilitation clinics, Psychosomatic clinics, Kindergarten or schools of all kinds, Special schools for retarded children, Pedagogical Universities or in free practice.
Art College	No	-	Diploma (3 yrs)	-	-	-	University level	Therapy through art	Hospitals
Institute of Higher Vocational Training	No	No age limit	5 years secondary school (HAVO)	4 yrs	3 yrs	1 yr	Higher vocational training (HBO)	Rehabilitation of psychiatric patients physically handicapped & children with education & development problems	Psychiatric hospitals, Institutions for the physically and/or mentally handicapped

D

GB

NL

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: ASSISTANT MEDICAL ANALYTICAL CHEMIST
 4 ASSISTENT-MEDISCH ANALIST (NL)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Institute of Intermediate Vocational Training	No	No	4 years secondary school - with limit science subjects (MAVO)	3 yrs	Yes	some months	Intermediate vocational training (MBO)	Works in the field of medical bacteriology, chemical immunology, parasitology, mycology, virology and - to a certain extent - haematology	General hospitals

NL

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: AUDIOLOGIST (IRL)
 5 AUDIOLOGISTE/GHEHOORPROFESIST (B)
 AUDIOMETRIST (NL)

AUDIOMETRIST (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
B Training Centre	No	-	-6 years secondary school -Diploma of School Teacher -pre-nursing diploma	3 yrs	1980 h	Exercises 360 h Practical training 664 h	Treatment of hearing deviations, audio-prothesist	Assistant for hospitals and private medicine
IRL Diploma in Audiology, obtainable at Manchester University	No	Not	The course is open spec-to medical doctors, full-time teachers, psychologists & speech therapists	1 yr	Yes	Yes The prospectus does not give a time-factor breakdown of the course	Assessment/treatment of defective hearing	Hospitals, Health Boards, Institutions
NL Institute of Higher Vocational Training	No	No	5 years secondary school with science limit subjects (HAVO)	3 yrs	Yes	Yes	Rehabilitation of patients with ear-infections	General hospitals, Private practice, Rehabilitation centre

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: AUDIOLOGY TECHNICIAN/HEARING AID TECHNICIAN/PHYSIOLOGICAL MEASUREMENT TECHNICIAN (AUDIOLOGY) GB)

6 AUDIOLOGIASSISTENT (DK)

AUDIOMETRICIAN/AUDIOLOGY TECHNICIAN (IRL)

AUDICIEN (NL)

	Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
DK	The National Health Service	No	16-19	The Leaving Examinations of the Folkeskole (LE)	2 yrs	16 wks	88 weeks	Basic Vocational Education level	Audiometric measuring	Hospitals
GB	National Technical Education Council	No	-	4/5 years secondary education	2 yrs	In-service study	2 yrs	Technical College	Technical duties in audiology	Hospital, clinic
IRL	Diploma of the British Society of Otolology and Laryngology	No	Between 18 and 40 yrs	At present courses leading to this qualification are available only in Britain. A good general education with preferably 4 passes at "O" level in the GCE including English, Physics, Mathematics & one other science. Grade I in the certificate of secondary education	1 yr	3 months	9 months	In accordance with the requirements of the British Society of Audiology	Measurement of hearing capacity	Hospitals, Health Boards, Institutions

PROFESSION: AUDIOMETRICIAN/AUDIOLOGY TECHNICIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Under supervision of the Ministry of Education & the Association of Audiology Specialists	By the Ministry of Economic Affairs	No age limit	4 years secondary school (MAVO) with science subjects	3 yrs	Several lessons per month	3 yrs clinical work	Construction and fitting of hearing facilities	Private practice
		Over 19	13 yrs schooling and diploma	2 yrs			Diagnostic techniques of hearing, speech and balance diseases	

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: AUXILIARY CHILD CARE WORKER /NURSERY NURSE
 7
 AUXILIAIRE DE PUERICULTURE (F)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
F State Diploma	No	17	4 years secondary education and Brevet des Colleges	1 yr	10%	90%	Assistant to nursing and nursery staff looking after very young children	Public or private institutions Nurseries
GB NNEB (Nursery Nurses Examination Board)	No	16	No examination passes required except at the discretion of college. Acceptance based on interview	2 yrs	Yes	140 days	Looking after children from birth to 5 years. In hospitals assistant to nurses	In hospitals; children's wards special baby care units, crèche. Also in childrens homes, local authority day care centres
SCOTVEC	NO	16	Entry requirements will vary according to the college and "module" some may require one or two O-levels or other "modules"	This training course is in the process of being altered. The new course will be as follows:		Yes Practical experience will be an integral part of the course but no guidelines as to time spent are as yet laid down	"	"

HEALTH CARE PROFESSIONS IN THE REC

ALDE-SOIGNANTE (F + L)

PROFESSION: AULLIARY NURSE/HOSPITAL ASSISTANT NURSE
 ASSISTANTE EN SOINS INFIRMIERS OU PSYCHIATRIQUES/VERPLEEGHULP (B)
 KRANKENPFLEGEHELPER(IN) (D)
 SYGGEHJÆLPER (DK)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
B	Training Centre	Yes	18	6 years secondary school	2 yrs	480 + 480 h	2400 h	Assistant to nurse	General and psychiatric hospitals
D	Training Centre	Yes	17 yrs	B-level final examination	NOW 1 yr	200 h (min)	1500 h	Helps nursing and treating the patients; does simple nursing care	Hospitals
DK	County Councils	No	18-20	The Leaving Examinations of the Folkeskole (IE)	IN FUTURE 1 yr (1600 h)	500 h	1000 h	Works under leadership of nurses and takes over the practical part of nursing	Hospitals, Nursing homes, Private homes
F	State Diploma	No	18	Brevet des Collège or qualification recognised as equivalent, or entrance exam	1 yr	40%	60%	Assists nursing staff	Public or private institutions or treatment in patient's home

PROFESSION: AUXILIARY NURSE/HOSPITAL ASSISTANT NURSE (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Minister for Health-State Diploma	-	17 before 1 Nov following the date of commencement of the course	-successfully completed 9 yrs of formal education (at least)	1 yr	Yes	-	Patient hygiene, taking & recording of temperature, taking & recording of pulse rates, weighing & recording of weight etc	Private, Municipal or State hospitals (bedside duties, Medical Technical Department (radiology, laboratory etc) within a medical practice & other similar services

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: CARDIAC CATHETERISATION TECHNICIAN (IRL)
HARTFUNKTIE ASSISTENT (NL)

9

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
IRL Membership of Society of Cardiological Technicians (UK)	No	Not specified	Holder of post of ECG technician	3 yrs	Night classes 3 nights per wk for 3 yrs	Mainly 3 yrs in full-time employment	Catheterisation work	Hospitals
NL Individual hospitals	No	No age limit	5 years secondary school with science subjects (HAVO)	In-service	No	Yes	Assists with catheterisation, replaces pacemakers, makes ECG's etc	General hospitals

HEALTH CARE PROFESSIONS IN THE EC

PROFESSION: CHILD CARE WORKER (IRL)
 PUERICULTEUR/KINDERVERZORGER (B)
 KINDER-JEUGDVERZORGENDE (NL)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities	
			Age	Education	Total	Theory				Practical
B	Training Centre	Yes	15	4 years secondary school	3 yrs	1200 h	1200 h	1200 h	Cares for newly born children, normal and sick children	Nurseries, Home care, Holiday centres for children
IRL	Diploma in Child Care from Training Centre	No	Not	Leaving spec-Certificate & one ified year's experience in a child care centre Grade D in 5 subjects including English and (in one training school) mathematics	3 yrs	2 days/ week	3 days/week	Professional nursing care of patients in bed; observation, documentation & information of patients; assistance to doctors, co-operation with doctors & other health care professions within a therapeutical team	Health Boards, Social Services, Institutions	
NL	Private institutes recognised by Ministry of Education	No	17	At least 3 years secondary education	3 yrs	3 yrs	Unknown	Assistant to nursery staff	Public/private child care institutions	

(The child care worker here is similar to the Irish child care worker).

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: CHILD PSYCHOTHERAPIST
 11 KINDER-PSYCHOTHERAPEUT (D)
 BØRNEPSYKOLOG (DK)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Special Institutes or Academies	No	-	Study with final graduation as social worker or teacher	At least 4 yrs	600 h	1000 h and practical training	Academic study	Aim of the post-graduate study is to make candidates capable of applying analytic psychotherapy to children & young people with psychological & psychosomatic disorders as well as giving advice in matters of depth psychology or doing attendant psychotherapy	Specialised hospitals for neurotic & psychosomatic disturbances, psychiatric hospitals, paediatric hospitals, in medico-pedagogical centres, in own practice, supervision with people practising social-pedagogical professions teaching activities in special institutes

PROFESSION: CHILD PSYCHOTHERAPIST (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activity
		Age	Education	Total	Theory	Practical			
University (the State)	No	17-18	Upper secondary level - Gymnasium	Minimum 5 1/2 yrs ordinary 9	First part: 2 yrs/4 terms theory ending with examination/test Second part: 1 1/2 yr/2 terms theory & one term practical in hospital & primary school Third part: 2 yrs/4 terms theory Further study Either: one yr graduate in hospital or university or: 2 years conditions of employment with daily supervision & minimum 3 weeks course in hospital or folk-school	University level	Works in hospitals & schools, co-operates with doctors, carries out tests & therapy	Hospitals & schools	

DK

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: CHIROPODIST (GB + IRL + NL)
 PEDICURE/SCHOONHEIDSSPECIALIST EN PEDICURE (B)
 FODTERAPEUT (DK)
 PEDICURE (F)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total Theory	Practical			
B	Pedicure Training Centre	Yes as artisan	Over 18 proposed	3-4 years secondary school	1-3 yrs	Yes, varies about 6 months	Yes	Treatment of feet	Home care and Institutions
	Podologue Training Centre	No	18 yrs	6 years secondary school	3 yrs	1600 h	2000 h	Diagnosis and treatment of feet problems	Hospitals and Private practice
DK	The School for Chiropradists (The Ministry of Interior)	Yes	18	The Leaving Examinations of the Folkeskole (IE)	1½ yrs = 2000 h	800 h	1200 h	Treatment of skin diseases involving the feet	Hospitals & private practice
F	State Diploma in Chiroprady (Art. 1494 of CSP)	Only professional grouping	At least 17	Baccalaureat or equivalent qualification	2 yrs	40%	60%	Chiropody	Hospitals, Home Care, Private clinics, Liberal profession

PROFESSION: CHIROPODIST (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
GB	School of Chiropody	Yes	18	4 or 5 years Secondary School education	3 yrs	Full-time college course	-	College of Technology	Diagnosis and treatment of problems of feet	Hospital & Community
IRL	School of Chiropody	Yes	Over 18 yrs	Leaving Certificate Examination results equivalent to 5 passes in the General Certificate of Education including English & at least one science subject & preferably 2 of the passes should be at Advanced Level. This course can only be undertaken at the Belfast College of Technology or at one of the 8 recognised training schools in the UK	3 yrs	50% approx	50% approx	College of Technology	Care & treatment of maladies affecting the foot	Hospitals, clinics Industry, Private practice
NL	Institute of Higher Vocational Training	By the Ministry of Health and Environmental Protection	No age limit	5 years secondary training with science subjects (HAVO)	2 yrs	Yes	Yes	Higher Vocational Training (HBO)	Treatment of ailments of the feet	Private practice

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: CLINICAL PSYCHOLOGIST (GB + IRL) PSYCHOLOGUE (F)
 14 PSYCHOLOGUE CLINIQUE/KLINISCH PSYCHOLOG (B) PSYCHOLOGUE CLINIQUE/D'HOPITAL (L)
 KLINISCHE/KRANKENHAUSPSYCHOLOGE (D) KLINISCH PSYCHOLOG (NL)
 KLINISK PSYKOLOG (DK)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
a. Training Centre	No	-	6 years secondary school Diploma of school teacher	3 yrs	1890 h	Exercises 738 h Practical Training 792 h	Higher Technical School	Psychologist Auxiliary	Hospitals, Health Centres for Re-Education
b. University	No	-	6 years secondary school or assistant in psychology	5 yrs	2332 h	Practical training for 10 months Idem	University level (licentiate)	Psychologist	Idem
Vocational Association	No	-	Study of psychology with final graduation (diploma)	4 yrs	-	4 yrs of practical experience in the field of clinical psychology	Academic study	To improve the psycho-social care of acute or chronically ill persons; direct therapeutical work with patients (including support or advice); advice support, help for & training of medical personnel psycho-medical research	In psychiatric, psychosomatic and rehabilitation clinics as well as in public guidance offices for addicts, marriage and education

PROFESSION: CLINICAL PSYCHOLOGIST (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
GR			6 years Secondary School	Masters degree in Psychology		University level	Psychological assessment, counselling etc	Hospitals Mental health centres Schools
IRL The UCD Degree of Master of Psychological Science in clinical specialisation (M Psych Sc) is the only one which has the official recognition of the Psychological Society of Ireland, as clinical postgraduate training	No		There are two main options open to graduates who wish to specialise in clinical psychology: 1. <u>University-based courses:</u> Applicants for admission to this course must be honours graduates in psychology with a BA or BSc & minimum second class honours grade 1 or must have the Diploma in Psychology with a minimum of second class honours	Masters degree in Psychology		University level	Concerned with the treatment of medical and emotional disorders, usually in hospital settings	Hospitals Institutions for the Handicapped/ Community health care clinics
			2. <u>In-Service/</u>					

PROFESSION: CLINICAL PSYCHOLOGIST (4)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
IRI (cont)			2. <u>In-Service Training Schemes</u> The Eastern Health Board Department of Psychology has an in-service training scheme. It offers placements in a variety of services. Trinity College Dublin provides academic facilities and co-operates in the organisation of the academic part of the programme. Students are prepared for the British Psychological Society Diploma in Clinical Psychology					
L University Homologation by Luxembourg Government	Yes	19/20 yrs	Final examination of secondary school (BAC) X BAC = Baccalaureat = approximately equivalent to A-level	4 yrs	Depends on the University course	University level	Psychology appliances, Educational psychology	Education Centres, Hospitals, Psychiatric Institutions
ML University	Yes (Nederlands Instituut voor Psychologie) (NIP)	-	6 years secondary school with science subjects (VWO)	5 yrs	Yes 6 months	Higher Education (University)	Diagnosis and treatment of behaviour disorders	General & Psychiatric hospitals, Ambulant mental care
I*		Over 19 Over 25	13 yrs schooling Degree in medicine	4 yrs 3 yrs		Degree Specialization after degree		

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HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: DENTAL AUXILIARY (GB)
 ZAHNARZTHELFERIN (D)
 TANDARTSASSISTENTE (NL)

15

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
Chamber of Medicine	No	16	B-level final examination	3 yrs	3 years	Training profession (dualistic system: theoretical knowledge in vocational school, practical training at place of work	Sterilises instruments, helps dentist with treatment of patients, prepares fillings, assists in taking X-ray photographs & jaw moulds; is responsible for letter writing & patients' filing cards, appoints dates & settles accounts with patients & health insurance funds	In practice of established dentists, in hospitals & local health departments
School for Dental Auxiliaries-Certificate of Proficiency	Yes	-	4 or 5 years secondary school education	2 yrs Full-time college course	-	Technical College	Simple fillings, extract deciduous teeth, as prescribed by dental surgeon	Hospital, Community, Clinics

PROFESSION: DENTAL AUXILIARY (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Institute of Intermediate Vocational Training	Yes By the Ministry of Education	No age limit	4 years secondary school with science subjects (MAVO)	3 yrs	Yes	Yes 32 weeks	Assists the dentist, makes appointments, financial administration	Dental practice

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: DENTAL HYGIENIST (GB)
 TANDPLEJER (DK)
 MOND HYGIENIST (NL)

16

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
DK	The School for Dental Therapists	No	18	The Leaving Examinations of the Folkeskole (LE)	2 yrs	2340 h (= 2 x 39 wks)	-	Special school level	Gives information about & carries out preventive toothcare	Private dentists & dentists who work at schools
GB	School for Dental Auxiliaries -Certificate of Proficiency	Yes	-	4 or 5 years secondary school education	9 months	A full time college course for one academic year	-	Technical College	Scaling, cleaning Polishing teeth	Hospital, Community, Clinics
NL	Under supervision of the Ministry of Health & Environmental Protection	Yes By the Ministry of Health and Environmental Protection	No age limit	5 years secondary school - with science subjects (HAVO)	2 yrs	Yes	Yes (In-service)	Higher vocational training (HBO)	Carries out & gives instructions in minor dental care	General hospitals

HEALTH CARE PROFESSIONS IN THE IREC

PROFESSION: DENTAL SURGERY ASSISTANT (GB + IRL)

17

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Examining Board for Dental Surgery Assistants GB	No	-	4 years secondary school education	1 yr	Full-time course at a Dental Hospital		Technical College	Assist Dental Surgeon at chair-side	Hospital, Community, Clinic
				or		Practical training while in employment, supplemented by private study			
Dental Hospital IRL/Training School	No	Min 17 yrs	Leaving Certificate with minimum of Grade D in ordinary papers in five subjects	2 yrs	40% (approx)	60% (approx)	Hospital Training School	Assist Dental Surgeon at chair-side/Dental Receptionist	Hospitals, Clinics, Private practice

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: DENTAL TECHNICIAN (GB)
 18 ZAHNTECHNIKER (D)
 TECHNICIEN DENTAIRE (L + B)
 TANDTECHNICUS (NL + B)
 TANDTEKNIKER (DK)
 DENTAL CRAFTSMAN/TECHNICIAN (IRL)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
B	Training Centre	No	-	3 years secondary school	3 yrs	-	700 h/yr + 4 months	Technical school - low level	Dental technician	Dental laboratories
D	Chamber of Handicrafts	Yes	-	B-level final examination	3½ yrs	Impossible to make the distinction		Handicraft	Manufacture of bridges, entire or partial dental plates, jack-screws, splints for jaw-fracture & periodontosis; close co-operation with dentist or oral surgeon	In larger hospitals with departments for oral surgery, in dental practice
DK	The State together with the dentist	No	16	The Leaving Examinations of the Folkeskole (LE)	3 yrs	One year EFG-basic (40 wks) = the basic vocational education courses = EFG courses Two years EFG second part (40 wks theory & 47 wks practical)		Basic vocational education level	Manufacture prosthetics	Dental laboratories

PROFESSION: DENTAL TECHNICIAN (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entrancy Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
GB	National Technical Education Council	No	-	4 years Secondary Education	3 yrs	1400 h	4000 h	Technical College	Making dentures etc	Workshop
GR				6 years Secondary School	2 yrs	10 h/week	26 h per week		Making dentures etc	Hospitals Private practice Health Centres
IRL	Certificate awarded by ANCO (The Industrial Training Authority)	No	15	Intermediate or Group Certificate	4 yrs	1 day/week	4 days/week	Technical Training	Makes, alters and repairs dentures, orthodontic work etc	Dental Hospitals, Laboratories
L	Chamber of Trades	Yes	15-17	a. Completed 9 yrs schooling OR b. 6 or 7 years in Technical Secondary School	4 yrs	1 day/week = 8 h	32 h/week	CAP (Certificat d'aptitude professionnelle = Certificate of Professional Competence)	Assistant	Dental surgeons' laboratories, Senior dental technicians' laboratories
NL	Under supervision of the Institute of Dental Technique	No	No age limit	4 years secondary school with science subjects (MAVO)	5 yrs (part-time)	Yes	Yes (at least 6 months)	Intermediate Vocational Training (MBO)	The fabrication of artificial dentures as indicated by the dentist	Dental technical laboratories
I*		No	Over 14	8 yrs schooling	5 yrs	Approx 38 h/week				

HEALTH CARE PROFESSIONS IN THE EC

PROFESSION: DIETITIAN (GB + IRL) DIÉTETICIEN (F + L)
 19 DIÉTIST/DIETETICIEN (B) DIÉTIST (NL)
 DIÄTASSISTENT (D) KLINISK DIÄTIST (DK)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
a. Training Centre	No	-	6 years secondary school diploma of school teacher	3 yrs	1500 h	800 h	Advise on nutrition	Hospitals, Consultations, Community kitchens
B	No	-	Diploma of dietitian (High Technical School)	2 yrs	677 h	-	Nutritionist	
Training Centre	Yes	-	Realschule graduate or equivalent education	2 yrs	1300 h	1200 h	Preparing diets & advising nutrition	Hospitals, Child Care Centres, Bath-centres
Training Centre	No	-	Education of catering officer & knowledge of the subjects chemistry, mathematics & English at higher preparatory examination level	38 wks	28 wks	240 h	Elaboration of diet programmes & instruction of the patients concerning their diet	Hospitals

DK

PROFESSION: DIETITIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
DUT (Technical University Diploma) F State Diploma Higher Technical Certificate	No	-	Baccalauréat D series	2 yrs (3 yrs in the near future)	22 months	2 months training	Food hygiene	Public hospitals, Private clinics, Private catering firms
Council for National Academic Awards. GB BSc degree	Yes State Registration		5/6 yrs Secondary education. (3 subjects approx 1st year university level) (incl. chemistry & 1 other science)	4 yrs	3 yrs Institute of Technology	1 yr practical experience	Advising on nutrition	Hospitals, Community, Domiciliary, Schools
GR			6 years Secondary school	3 yrs	Yes	Yes	To advise on nutrition. Teaching in Secondary schools	Hospitals, Child care centres, Teacher in secondary schools

PROFESSION: DIETITIAN (3)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
4 year course leads to degree of Bachelor of Science (human nutrition)	No		Entrance requirements Minimum educational level (1) <u>Leaving Certificate</u> (a) Passes in at least <u>six</u> subjects, including English & mathematics. (b) Grade C or higher in at least three higher course papers which must include chemistry. OR An equivalent qualification	4 yrs	Yes	Yes	The Dietitian caterer in a hospital is responsible for the complete catering arrangements for patient & staff. Food manufacturers employ dietitians to advise on the nutritional and dietetic aspects of their products	Hospitals, Industry & Research, Survey & Experimental work & Teaching
Ministry of Health and Ministry of Education	Yes	Not specified but normally 21-24 yrs old	Must possess Luxembourg Secondary Education Certificate from Secondary School - Higher level or a recognised foreign equivalent Certificate	2 or 3 yrs, depending on the higher school programme (University)	Yes	Yes	Organise and supervise diets together with physicians and teach dietary	Hospitals, Schools Private sector
Institute of Higher Vocational Training	Yes	No age limit	5 years secondary school - chemistry & biology desired - (HAVO)	4 yrs	Yes	Yes	Write out diets & give information regarding nutrition and diets to patients	General & psychiatric hospitals, Homes for somatic & mentally disturbed, Institutions for the physically and/or mentally handicapped

IRL

L

NL

PROFESSION: DIETITIAN (4)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
I*		No	Over 14	8 yrs schooling & diploma	5 yrs	Approx 30 h/week	III 6 h/week IV 7 h/week V 7 h/week		

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: DOCTOR'S ASSISTANT
 20 ARZTHELFERIN (D)
 DOKTERSASSISTENT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Chamber of Medicine	No	16	B-level final examination	2 yrs	2 yrs	Impossible to make the distinction	Helps doctor in his practice; assists at small operations, helps with out-patients care, conducts simple laboratory tests, maintains medical instruments & cares for an undisturbed working procedure in the consultation office	In consultation offices of established doctors, local hospitals, health departments and industrial medicine centres of professional co-operatives
Institute of Intermediate Vocational training	No	No age limit	4 years secondary school (MAVO)	3 yrs	Yes	Yes 32 weeks	Assists medical doctors & medical specialists in their work	General hospitals, long-stay homes (nursing homes)

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: ENGINEER FOR MEDICAL TECHNIQUE/MEDICAL ENGINEERING SPECIALIST/MEDICAL TECHNIQUE ENGINEER/ENGINEER FOR TECHNICAL HYGIENE
MEDIZINTECHNIK-INGENIEUR (D)
MEDICOTEKNIKER-/INGENIÖR (DK)

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	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities	
			Age	Education	Total	Theory				Practical
D	Specialised University	No	-	A-level final examination (general degree specialized degree) plus 6 months of practical training in the technical & handi-craft field	6 semesters or 7 semesters	6 semesters	Several months (during holidays)	1 semester	Checking of functions, inspection of use & running of medical apparatus; maintenance & repair of defects; training & teaching of operators	In hospitals and with manufacturing firms
DK	School (under the Ministry of Education). Technical School. University	No	-	The Advanced Leaving Examinations of the Folkeskole for upper secondary level - gymnasium	4-5 yrs	4-5 yrs theory and projects	No	Industry: development & sale Hospital: research, clinical work, development, maintenance & security	Industry and hospitals	
F		No		Degree in medicine or biology or mathematics or physics or engineering	3 yrs	100 h/yr	Specialization after degree			

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: ENVIRONMENTAL HEALTH OFFICER/ENGINEER FOR ENVIRONMENTAL AND HYGIENE PROTECTION/SANITARY ENGINEER (GB)
 22 SOZIALMEDIZINISCHER ASSISTENT (D)
 ZIEKENHUISHYGIENIST (NL)
 HEALTH INSPECTOR (IRL)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities	
			Age	Education	Total	Theory				Practical
D	Post Graduate Training School	No	-	Training in a public health profession of at least 2 years or occupation in Public Health Centres for a prolonged period	1 yr	3 months (330 h)	9 months	Special training within the administrative field	Helps in child-welfare centres, in preventive medicine for infants, toddlers & youth, in social welfare for disabled & chronically ill people & in programmes for health education	Local health departments
GB	University OR College of Technology	No	-	BSc in Environmental Health OR 5 years secondary education	1 yr	Postgraduate training - almost all practical	University level	Inspecting all aspects of hygiene & sanitation	Community	
					4 yrs (x)	Block release from work	College of Technology			
					(x)	Is being phased out & will not be used in future				

PROFESSION: ENVIRONMENTAL HEALTH OFFICER (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
IRL Diploma in Environmental Health awarded by the College	No	-	Leaving Certificate	4 yrs	Yes	Minimum of 11 months	Course available at College of Catering under Institute of Technology	Public Health Hygiene and Standards	Health Boards
NL Under supervision of the Medical Inspection	No	No age limit	5 years secondary school (HAVO)	4 yrs	Yes Training course is still in a preparatory phase	Yes course is still in a preparatory phase	Higher Vocational Training (HBO)	The prevention of hospital infections	Hospitals

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: HOSPITAL CHAPLAIN
 AUMONIER DE L'HÔPITAL/GESTELLIJKE BEGELEIDER IN DE GEZONDHEIDSZORG (B)
 KRANKENHAUSSELSORGER (D)
 ZIEKENHUISPASTOR (NL)

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Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
B	No	-	Theology, university degree in religious sciences	1 yr	Yes	Yes	Spiritual accompaniment of patients	Hospitals and other in-patient care facilities
D	No	-	Study of theology or education to Deacon with extended occupational experience and training			Further education courses/continuing education in educational institutions of the churches	Religious, spiritual guidance and care of patients	Hospital
NL	No	No age limit	Training reserved for priests, theologians humanistic counsellors	1 1/2 yr		6 months post-graduate course; pastoral clinical training (followed by a few weeks of revision)	To attend to the religious and spiritual needs of patients/clients & also of the professional workers in the health institute	All kinds of health institutes

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MEDICAL ANALYTICAL CHEMIST
 24 MEDISCH ANALIST (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Institute of Higher Vocational Training NL	No	No age limit	5 years secondary school - with science subjects - (HAVO)	4 yrs	Yes	6 months	Higher Vocational Training (HBO)	Works in the field of medical bacteriology, chemical immunology, parasitology, mycology, virology, & - to a certain extent - haematology	General hospitals

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MEDICAL ARTIST (GB)

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	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
GB	University	No	-	University Degree (3 yrs) or Art College Diploma	-	-	-	University level	Medical illustration	Hospital
I*			Over 19	13 years schooling and diploma	3 yrs				Drawing of human forms & surgical operations	

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION, MEDICAL LABORATORY SCIENTIFIC OFFICER (GB) TECHNICIEN LABORATOIRE/ADJOINT TECHNIQUE LABORATOIRE/LABORANTIN (F)
 ASSISTANT MEDICOTECHNIQUE DE LABORATOIRE/LABORANT (B) MEDICAL LABORATORY TECHNICIAN/MEDICAL LABORATORY TECHNOLOGIST (IRL)
 MEDISCH-TECHNISCHER LABORATORIUMSASSISTENT (D) ASSISTANT TECHNIQUE MEDICAL DE LABORATOIRE (L)
 KLINISK LABORANT (DK) LABORANT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
B Training Centre	No	-	-6 years secondary school -Diploma of school teacher -Diploma of nursing candidate	3 yrs 1500h +1000h	800 h	High Technical School	Laboratory analyses	Hospitals, Private Laboratories, Pharmaceutical research
Issued by Training Centre	Yes	-	Realschule (Intermediate) Certificate or equivalent education	2 yrs (x)	1040 h	Special schools (Lehranstalten)	Laboratory analyses	Hospitals, Laboratories, Research

(x) Shortening of training periods: For medical laboratory technicians: - 1 year, if candidate has graduated as medical radiology technician - 3 months, if candidate has graduated as veterinary medical technician								

D <u>Cytology Technician</u> College	Yes (only in North-Rhine-Westfalia)	-	Realschule (Intermediate) Certificate or equivalent			Specialised schools (colleges)	Examination of pathogenic tissue does preparatory work for diagnosis of consultants	Hospitals, Cytological Institutes & research laboratories

In most cases: 2400-2800 h

PROFESSION, MEDICAL LABORATORY SCIENTIFIC OFFICER (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
D <u>Medical Technician</u> College	No	-	B-level final examination plus apprenticeship in the electric or metal branch with final examination	3 yrs 4 semesters =2940h	1 yr	Specialized schools (colleges)	Operation, control and maintenance of medico-technical equipment and apparatus, if necessary also request of firm-servicing	Hospitals, Research institutes or in development -, sales -, servicing departments of manufacturing firms
IX <u>Clinical (Biomedical)</u> Issued by Training Centre	Not necessary but usually practiced	18	Advanced Leaving Examination of the "Folkeshole", Upper Secondary School Leaving Examination or Higher Preparatory Examination	3 yrs 960 h/ 8 months	28 months	Special school level	Carrying out blood samples making metabolic examinations, examination and analyzing of blood, urine, serum etc...	Hospitals, Laboratories
IX <u>Histological (Pathology)</u> Issued by Training Centre	Idem	18	Idem	3 yrs 1110 h	26½ months	Idem	Execution of various work in connection with histological & cytological analyses	Idem

PROFESSION: MEDICAL LABORATORY SCIENTIFIC OFFICER (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
IK (cont) Bloodbank laboratory technician Issued by Training Centre		18	Idem	3 yrs	940 h	28½ months	Idem Carrying out blood samples & tapping for blood testing blood types, making anti-body tests etc	Idem
Higher Technical Certificate (BTS - Brevet de Technicien Supérieur) issued by the State	No	-	Baccalauréat after secondary studies	2 yrs	80%	20%	Laboratory technician	Private or public laboratories
State Diploma for Medical Laboratory Assistants	No	-	BAC level	3 yrs	20%	80%	Laboratory assistant	Public or private laboratories
			Brevet des Collèges	3 yrs	50%	50%	Idem	Hospital laboratory

F

PROFESSION: MEDICAL LABORATORY SCIENTIFIC OFFICER (4)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
a) National Certificate from College of Technology	Yes State Registration		5 years secondary Education	4 yrs	1320 H	6000 h	College of Technology	Medical laboratory investigation to enable doctors decide on treatment	Hospitals, Medical laboratories
b) University Degree			University Degree	1 yr		1 yr	University		
			6 years secondary	2 yrs	12 h/wk	24 h/week		Various	Hospitals, Private clinics, Private laboratory offices, Health centres
Certificate* in Medical Laboratory Sciences of Membership of the IRI Institute of Medical Laboratory Sciences (UK)	No	Not specified	Leaving Certificate in 5 subjects or equivalent examinations. Subjects should include English, mathematics & at least one approved science subject, preferably physics or chemistry	3 yrs	2 yrs	1 yr	College of Technology	Concerned with laboratory tests necessary for the diagnosis & treatment of diseases	Hospitals, University laboratories, the Blood Transfusion Board, the Veterinary College and Institutes and in private industry

* From College of Technology

PROFESSION: MEDICAL LABORATORY SCIENTIFIC OFFICER (5)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Medical <u>Technical Laboratory Assistant</u> Ministry of Health	Yes	Not specified but normally 17 yrs old	Must possess Luxembourg State Nursing Diploma or Chemical Assistant's Diploma from a professional school or the Leaving Certificate of the Technical secondary school or any other Luxembourg or foreign recognised diploma	1½ yrs (the number of hours for theory and practical are always laid down by the Ministry of Health)		Normal level	Laboratory analyses + pre-analysis tasks	Private laboratory, State laboratory, Laboratory of private, municipal or state hospitals
<u>Laboratory Assistant</u> Ministry of Health	Yes	Not specified but normally 21-24 yrs old	Must possess Luxembourg Secondary Education Certificate (higher level) or recognised foreign equivalent	3 yrs	2 yrs 1 yr	Higher level (University)	Administrative/executive post in a laboratory	Private or state laboratories, Private hospital laboratories or municipal or state hospital laboratories, all kinds of chemical and medical laboratories
Institute of Higher Vocational Training	No	Not specified	5 years secondary school (HAVO) with science subjects	3½ yrs	3 yrs ½ year	Higher Vocational Education (HBO)	Laboratory work	Hospitals, Industry Research

L

NL

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MEDICAL PHOTOGRAPHER (GB)
 MEDISCH FOTOGRAAF (NL)

27

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
GB	Institute of Incorporated Photographers	No	-	4 years secondary education	5 yrs	1500 h	Day or block release	7500 h	Medical illustration	Hospital
NL	Under supervision of the Ministry of Education and the Ministry of Health & Environmental Protection	By the Ministry of Education	No age limit	4 years secondary school with science subjects (MAVO)	3 yrs	Yes	Yes	Yes	To take photographs to aid diagnosis & scientific research	General hospitals (at the service of different medical specialisations)

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MEDICAL PHYSICS TECHNICIAN (GB)

28

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
GB National Technical Education Council	No	-	4 years secondary education	Qualifications & experience required vary widely according to duties of post		Technical College	Technical support to Physicists	Medical physics laboratory

HEALTH CARE PROFESSIONS IN THE ECC

MEDISCH SEKRETARRESSE (NL)

PROFESSION, MEDICAL SECRETARY (GB)
 SECRETAIRE MEDICALE/MEDISCHE SEKRETARRESSE (B)

ARZSEKRETÄRIN (D)
 LÄGSEKRETÄR (DK)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Training Centre	No	-	6 years secondary school Diploma of school teacher	2 to 3 years including a minimum of 3 months practical training		Higher Technical School (graduate)	Effecting the whole range of administrative work (patients' filing cards letter writing, accounting and settling accounts with the health insurance funds) as well as conducting (routine) laboratory tests	Hospitals, Consultations, Private doctor's secretary
College	No	-	Training as doctor's assistant, dental assistant, veterinary assistant with final examination	5 months	830 h	A bit like "Arzthelferin" (doctor's assistant) Training profession (dualistic system; theoretical knowledge in vocational school, practical training at place of work) Vocational school	Idem B	Working with chief consultants in hospitals, established doctors and in local health departments

B

D

PROFESSION: MEDICAL SECRETARY (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities	
			Age	Education	Total	Theory				Practical
DK	The Ministry of Education Practical part: the hospital (or County)	No	-	The leaving Examinations of the Folkeskole	3 yrs	1 yr (basic)	2 yrs with 12 weeks theory	Basic Vocational Education level	Typing and archive-administration	Hospitals and private doctor's practice
GB	Association of Medical Secretaries	No	-	4 years secondary Education	2 yrs	2 years	2 years	Technical College	Secretarial service to doctors	Hospital, Clinic or Community
NL	Institute of Intermediate Vocational Training	No	No age limit	4 years secondary school (MAVO)	1½ yrs	Yes	No	Intermediate Vocational Training (MBO)	Medical and financial administration, correspondence, patient archives, telephons, appointments, general information to patients	Private practice, Health centres, Nursing homes, Maternity centres

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MEDICAL SOCIAL WORKER/PSYCHIATRIC SOCIAL WORKER
 30 SOZIALARBEITER/SOZIALARBEITER (IN DER PSYCHIATRIE) (D)
 SOCIALRÅDGIVER (DK)
 SOCIAL WORKER (GB)

MEDISCH MAATSCHAPPELIJK WERKER/SOCIATHERAPEUT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Colleges	No	-	A-level final examination (general degree/specialized degree)	8 semesters	6 sem	2 semesters	Taking up of psycho-social problems & finding solutions for patients in the domestic field (either difficulties occurring during stay in hospital or after discharge) by consultation, social therapy or other means	He/She is active in many social institutions eg education guidance, marriage guidance, family guidance, social guidance, As graduated social worker in the service of hospital: exist only in larger acute hospital in psychiatric and rehabilitation clinics
University/ The Ministry of Education	No	Ordinary students are 32 yrs old	Upper secondary level (Gymnasium)	3 yrs (6 terms of 6 months teaching hrs, group & project work)	5 terms	1 term (the fourth)	Consultative in social problems	Counties and local governments, Hospitals and Institutions for old people and handicapped

D

DK

PROFESSION: MEDICAL SOCIAL WORKER (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
GB	University & Central Council for Education & Training in Social Work	Yes	-	University Degree (3 or 4 years)	1 yr or 2 yrs depending on University Degree	Postgraduate experience		University	Social care in all aspects	Community, Hospital
GR				6 yrs secondary school	3 yrs	16 h/week	20 h/week		Gives help and advice to patients and families concerning psycho-social problems	Hospitals Mental Health Centres and Research Institutes
IRL	University	No	No age limit	Must comply with the Matriculation Regulations of the University In order to have professional status, social workers must have a post-graduate qualification in applied social studies	3 yr Degree Course One year Post-grad Diploma course	Full-time Course 60%	University 40%	University	Helping individuals, families & groups to deal with problems which they cannot manage alone	Health Boards Department of Justice, local Authorities, Voluntary Associations
I*		No	Over 18	12 yrs schooling and diploma	3 yrs	30 h/week				

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: MUSIC THERAPIST
 31 MUSIKTHERAPIST (D)
 MUZIEK THERAPEUT (NL)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
National Academy for Music Aachen, Hamburg. Specialized University of the Rehabilitation Foundation Heidelberg	No	-	A-level final examination (general degree/specialized degree) study of medicine, psychology or medical pedagogy with graduation	In Aachen: 1-yr study in addition to a 3-yr training period as music teacher. In Heidelberg: overall study of 4 yrs - practical experience included In Hamburg: a four-term additional study		Graduate Social Pedagogue with a specialization in music-therapy (Heidelberg); the other two academies issue only a certificate on special studies in musicotherapy	Receptive and active music-therapy; instruction for coordinators and movements and logopaedics with the help of music rhythms for patients with auditory defects; social learning in creative groups with troubled or mentally defective children	In special schools for disabled children, in psychiatric and paediatric hospitals; less frequently in own practice
Institute of Higher Vocational Training	No	No age limit	5 years secondary school (HAVO)	4 yrs	Yes	Higher Vocational Training (HBO)	To reduce emotional disturbance among patients; to stimulate communication by music therapy	Rehabilitation centres; Institutions for mentally retarded

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: NON-MEDICAL HEALTH PRACTITIONER/NON-MEDICAL PRACTITIONER
 32 HEILPRAKTIKER (D)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Institute	Yes	Ap- prox 23 yrs	B-level final examination	1-2 yrs	The termination of the training period is not sufficient for practising this profession. The candidate has to sit a special examination set by the local health department (minimum age 25 years)	Special course (non-university level)	Practising the art of healing for the benefit of human patients but with the following restrictions; no obstetrics, no examination and treatment of the genital organs or of infectious diseases, no prescription of ethical or narcotic drugs	Private practice

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: OCCUPATIONAL EDUCATIONALIST/THERAPEUTIC EDUCATIONALIST ERGOTHERAPEUTE/INFIRMIER CHARGE DUE SERVICE D'ERGOTHERAPIE (L.)
 33 HELLPÄDAGOGE (D) ERGOTHERAPEUT (NL)
 HESKÄFTIGELSESVETLEDER (DK) ERGOTHERAPEUT (NL)
 EDUCATEUR SPECIALISÉ/PYCHOREEDUCATEUR (F)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
D Training Centre or College	Yes	-	Realschule (Intermediate) Certificate or equivalent education and 2 yrs of practical social training	1-2 yrs	-	-	Advisory & caring activities for handicapped children and youngsters, who can no longer be treated with other paedagogical means	Psychiatric hospitals, Paediatric hospitals, Special schools
	No	-	Special university graduate	6 semesters	-	-	Study at specialised university	
DK School/ Training Centre (Ministry of Education)	No	20	The Leaving Examination of the Folkeskole (IE)	1 yr	8½ months/1060 h	2 months	Works under leadership of occupational therapist. Care & rehabilitation of physically and mentally handicapped people. All age groups	Hospitals, Nursing homes and Private residencies

PROFESSION: OCCUPATIONAL EDUCATIONALIST (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
State Diplomas issued by Ministry of Health	Yes Professional Grouping	17 yrs min	BAC* or equivalent *BAC = Baccalauréat - approximately equivalent to A-level	3 yrs	80%	20%	Cares for physically and mentally handicapped children	Public, semi-public and private sector, institutions
Government & higher school (University)	Yes	Not specified but normally 21-24 yrs	Must possess Luxembourg Secondary Education Certificate or recognised foreign equivalent (higher level)	2-4 yrs	Details not available	Higher level (university)	Rehabilitation of mentally and/or physically handicapped patients	Institutions for physically, mentally handicapped persons; Psychiatric and geriatric hospitals

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: OCCUPATIONAL THERAPIST (GB + IRL) ERGOTHERAPEUTE (F)
 34 ERGOTHERAPEUTE/ERGOTHERPEUT (B) ERGOTHERAPEUT (NL)
 HESCHÄFTIGUNGS - UND ARBEITSTHERAPEUT (D) ERGOTHERAPEUT (DK)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
B	Training Centre	Yes	-	- 6 years Secondary school - Diploma of school teacher - Diploma of Nursing Candidate	3 yrs	1500 h + 300 h	1200 h	Nursing care, Social inquiries	Hospitals, Home care, Preventive medicine services, Public Health Services
D	Issued by Training Centre	Yes	-	Realschule graduate or equivalent education	3 yrs	2 yrs	1 yr	Physio and occupational therapy	Hospitals, Private practice
X	Issued by Training Centre	Yes	-	- 10-12 yrs schooling - 9 months job-experience. Advanced Leaving Examination of the "Folkeskole", Upper Secondary School Leaving Examination or Higher Preparatory Examination	3 yrs	2½ yrs (30 h/week)	6 m	Training the patients in their ordinary common life and in special functions	Hospitals, Nursing homes, Community

PROFESSION: OCCUPATIONAL THERAPIST (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
DRASS State Diploma under supervision of Chief Medical Officer	No	-	Personal selection - no diploma	3 yrs	60%	40%	Cares for physically and mentally handicapped persons in the form of giving them manual work under the responsibility of a physician	Public or private institution - no private practice
College of Occupational Therapists	Yes	18	5/6 yrs Secondary education. (2/3 subjects approx 1 yr university level)	3 yrs	3000 h	1500 h	Rehabilitation of patients	Hospitals, Community
			6 years Secondary School	3 yrs	12 h/week	24 h/week	Rehabilitation of mentally &/or physically handicapped patients	Institutions for physically and mentally handicapped patients, Psychiatric hospitals
Diploma of the British Association of Occupational Therapists	No	At least 18 yrs old by 31 Dec of yr in which they wish to commence training	Leaving Certificate with at least Grade C on higher level & at least Grade D on ordinary level of subjects (or an equivalent qualification). Subjects must include English with at least Grade C on ordinary level papers. Preference will be given to candidates with science	3 yrs	Yes	Min. of 1200 h	Rehabilitation of physically and/or mentally ill patients. Works under the direction of a doctor & as a member of a rehabilitation team	Hospitals (both general & psychiatric) and Institutions

PROFESSION: OCCUPATIONAL THERAPIST (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
L Government & higher school (University)	Yes	Not specified but normally 21-24 yrs old	Must possess Luxembourg Secondary Certificate or a recognised foreign equivalent Certificate	No information available on training requirements as these vary according to the university		Higher level	Rehabilitation of mentally and/or physically handicapped patients	Institutions for physically and mentally handicapped persons; hospitals; psychiatric and geriatric
NL Institute of Higher Vocational Training	Yes	No age limit	- 5 years Secondary school - preferably with science subjects - (HAVO)	4 yrs	Yes	Higher vocational training (HBO)	Rehabilitation of mentally and/or physically handicapped patients (both permanently and temporarily handicapped)	General hospitals, Homes for somatic patients, Homes for mentally disturbed & old, Institutions for physically and mentally handicapped, Psychiatric hospitals

HEALTH CARE PROFESSIONS IN THE EEC

OPTICIEN-OOGMEETKUNDIGE (NL)

PROFESSION: OPTICIAN (GB + IRL)
 OPTICIEN/BRILLENMAKER (B)
 OPTIKER (D + DK)
 OPTICIEN (F + L)

35

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
B Training Centre	Yes	-	Secondary school (low)	1-4 yrs	31 wks	20 weeks	Optician, Spectacle-maker	Industry, Community
D Chamber of Handicrafts	Yes	-	B-level final examination	3 yrs	3 yrs	3 yrs	Manufactures on prescriptions of all kinds, works at precutting of raw glasses, if necessary; produces spectacle frames, repairs optical instruments	He is an artisan, service advisor for clients & merchant; usually works in his own shop
IK School (under the Education Ministry) together with the practical placement (private optician)	No.	16 yrs	The Leaving Examinations of the Folkeskole (IE)	5 yrs	1 yr basic	4 yrs theory & practical - the basic vocational education courses EFG courses	Optics. Fitting of spectacles, lenses, hearing aids in connection with glasses	Private optician

PROFESSION: OPTICIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
-Professional Certificate Optician/Spectacle Maker -Diploma of student graduating from a national professional school -Certificate of Study issued by the School of Optical Trades	Professional grouping	Not stipulated	BAC* or 2 yrs after acquiring CAP* or BEP* in spectacle making *BAC=Baccalauréat -approximately equivalent to A-level CAP=Certificat d'Aptitude Professionnelle Certificate of Professional Competence BEP=Brevet d'Etudes Professionnelles - Certificate of Professional Studies	2-3 yrs	100%	-	Professional studies	Optician/spectacle maker	Commerce
-Ophthalmic University	Yes	-	University Degree (3 years)	Plus 1 year clinical experience before registration			University	Ophthalmic Optical practice	Hospital, Community
-Dispensing National Technical Education Council	Yes	-	4 years secondary education	3 yrs	2 yrs (full-time)	1 year	Technical College	Dispensing Optical Appliances	Hospital, Community

F

GB

PROFESSION: OPTICIAN (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
GR			6 years secondary school	3 yrs	12 h/week	24 h/week	Ophthalmic optical practice	Hospitals, Community
<u>Ophthalmic Optician</u> The Diploma awarded is that of Bord na Radharcmhaistoiri (The Opticians' Board)	Yes	Not specified	Not Leaving Certificate with passes in at least 6 subjects including English & mathematics with Grade C or higher in at least two higher course papers or approved equivalent qualification	4 yrs	3½ yrs	6 months	Specialist in defective vision of the healthy eye. Prescribes, measures, supplies & fits spectacles, contact lenses, etc and gives orthoptic training	Hospitals, Clinics, Private practice
<u>Dispensing Optician</u> (The Opticians' Board)	No	Not specified	Not Leaving Certificate with passes in at least 5 subjects including English & mathematics or approved equivalent qualification	2½ yrs	2 yrs	3 months	Does not prescribe but measures and fits in accordance with prescriptions	Usually private

PROFESSION: OPTICIAN (4)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Chamber of Trades	Yes	-	a. 9 years schooling b. 6-7 yrs technical secondary school	4 yrs	1 day/week = 8 hrs	32 h/week	Assistant	Optician's work-shop or shop (usually private)
<u>Ophthalmic</u> Under Supervision of the Ministry of Education & the Ministry of Economic Affairs	No	No age limit	4 years secondary school with science subjects (MAVO)	2 yrs (after diploma optician)	Yes	1 year	To measure refraction variations; to provide appliances for correcting visual faculty	Private practice
<u>Dispensing</u> Under supervision of the Ministry of Education	No	No age limit	4 years secondary school with science subjects (MAVO)	4 yrs (part-time)	Yes	1 year	To provide glasses & other eye-instruments by determining the strength of the lenses	Private practice

L

NL

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: ORTHOPTIST (D + GB + IRL + NL)
 ORTHOPTISTE (F)

36

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
D Colleges	Yes	18 yrs	Realschule (Intermediate or equivalent education)	2½-3 yrs	2-2½ yrs	6 months	Special schools (colleges)	Assists in treatment of dysopia of squinting children; correction of amblyopia; helps doctor in treatment of ocular lesion after accidents or in the case of retinal lesion or myoparalysis	In hospitals with special departments & so-called vision-schools or in free ophthalmologist practice
F Certificate of Proficiency issued by the National Ministry of Education	Yes Professional grouping	No age limit	RAC* or equivalent certificate	3 yrs	60%	40%	University level	Assists the ophthalmologist in the diagnosis & treatment of defective vision, in particular convergence and correction of both eyes	Liberal or salaried practice
GB British Orthoptic Council	Yes	-	5 years secondary education	3 yrs	¼ theory and ¾ practical in schools attached to hospitals		Schools attached to hospitals	Diagnosis & treatment of defective vision	Hospital, Clinic

PROFESSION: ORTHOPTIST (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
IRL Diploma awarded following completion of 3 years training course approved by the British Orthoptic Council	No	Not specified	Irish students are usually accepted with honours Leaving Certificate English, a science subject & a pass in mathematics. Exceptions can be made for mature students etc, subject to interview	3 yrs	Approximately 50/50 on average over the three years	Schools attached to hospitals	Participates with the ophthalmic medical staff in the diagnosis & treatment of defects of the eye	Hospitals, Institutions
NL Institute of Intermediate Vocational Training	Yes By the Ministry of Health and Environmental Protection	No age limit	5 years secondary school (HAVO)	3 yrs	Yes	Higher Vocational Training (HBO)	Determines the diagnosis & treats patients in case of cross-eyed (a squint) & relating deficiencies regarding the coordination of both eyes	General & psychiatric hospitals, Homes for somatic and mentally disturbed & old, Institutions for the physically &/or mentally handicapped
I*		Over 19	13 years schooling and diploma	2 yrs			Diagnostic techniques in ophthalmology & treatment of strabismus	

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: PHARMACEUTICAL ASSISTANT/TECHNICIAN APOTHEKERSASSISTENT (NL)
 37 ASSISTANT DE PHARMACIE/APOTHEEKHULP (B)
 PHARMAZEUTISCH-TECHNISCHER ASSISTENT (D)
 APOTEEKSASSISTENT (DK)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Training Centre	No	-	3 years secondary school	3 yrs	2½ yrs	6 months min.	Technical level (low)	Pharmaceutical Assistant	Hospitals, Pharmaceutical firms, Medicine trades
College	Yes	-	Secondary term lower degree or equal education	2½ yrs	2 yrs (2600h)	½ yr	Special schools (colleges)	(Under control of pharmacists) manufacturing of drugs in a pharmacy, examination of drugs & sale to clients; carrying out of chemical & physical analysis of drug-raw material as well as physiological chemical analysis	In public pharmacies, hospital pharmacies and in pharmacologic industry

PROFESSION: PHARMACEUTICAL ASSISTANT/TECHNICIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
DK The School of Pharmaceutical Technicians	No	16	The Leaving Examination of the Folkeskole (LE)	3 yrs	3 months (325 h - one month a year)	Mostly practical work where the students are in permanent contact with the school by correspondence courses	Medium technical education	Assist the pharmacists in their functions, produces and dispenses medicine/drugs	Private (mostly) pharmacies
GR			6 years secondary school	4 yrs	Nil	Yes		Sale of drugs Helps pharmacists	Hospitals, Private laboratories
NL Institute of Intermediate Vocational Training	No	No age limit	4 years secondary school (MAVO)	2 yrs & 3 months	Yes	6 months	Intermediate Vocational training (MBO)	Prepares and provides medicine under supervision of a pharmacist	Public pharmacies and Hospital pharmacies

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: PHARMACEUTICAL BIOLOGICAL TECHNICIAN
 38 TECHNICIEN BIOLOGISTE DE PHARMACIE/FARMACEUTISCH BIOLOGISCH TECHNIKER (B)
 PHARMAZEUTISCH-TECHNISCHER ASSISTENT (D)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
B	University	Yes	-	Diploma of Pharmacist	2 yrs	-	2 yrs	University level	Biologist Pharmacist	Industry and hospitals
D	Special School	Yes	17	"Realschule" (Intermediate) Certificate	2½ yrs	2600 h	6 months	Special school	Production & control of drugs (under control of pharmacist)	Public or hospital pharmacies

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: PHYSIOLOGICAL MEASUREMENT TECHNICIAN (GB)
 AUDICIEN/HARTFUNKTIE ASSISTENT/NEUROFYSIOLOGIE ASSISTENT/LONGFUNKTIE ASSISTENT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
- <u>Audiology</u> - <u>Cardiology</u> - <u>Neuro-physiology</u> - <u>Respiratory-Physiology</u> (National Technical Education Council) GB	No	-	4/5 yrs secondary education	2 yrs	In-service study	2 yrs	Technical duties in <u>Audiology</u> , <u>Cardiology</u> , <u>Neurophysiology</u> , <u>Respiratory</u> , <u>Physiology</u>	Hospital, clinic
			6 years secondary school	Not specified	Not specified	Yes - duration not specified	Measuring physiological functions in patients	Hospitals Private clinics
- <u>Audiology Technician</u> Under supervision of the Ministry of Education & the Association of <u>Audiologists</u> Specialists NL	Yes By the Ministry of Economic Affairs	No age limit	4 yrs secondary school (MBO) with science subjects	3 yrs	Yes	In-service	Technical duties in <u>audiology</u>	Private practice

PROFESSION: PHYSIOLOGICAL MEASUREMENT TECHNICIAN (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
-Cardiac Catheterisation Technician	-	-	5 years Secondary school with science subjects (HAVO)	-	No	Yes	To assist with catheterisation, to replace pacemakers, to make ECG's etc...	General hospitals
-Neuro-physiology Technician	Yes	No	5 years secondary school with science subjects (HAVO)	3 yrs	Yes	Yes	Assists with ECG's	General & psychiatric hospitals
Under supervision of the Ministry of Health and Environmental Protection								
Environmental Protection and the Council for Education of Neurophysiology Technician								
-Respiratory Technician	No	-	5 years secondary education	3 yrs	of practical training		Diagnosis and treatment-assistance in general hospitals	General hospitals
Not officially								

NL (cont)

PROFESSION: PHYSIOLOGICAL MEASUREMENT TECHNICIAN (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Cardiology	No	Over 16 & under 25	11 years schooling	3 yrs	Approx 6 h/day		Assistant in echocardiography catheterisation, cardiac electrophysiology	
Neurophysio-pathology technician		Over 19 & under 30	13 years schooling and diploma	2 yrs			Diagnostic techniques in neurology	

I*

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: PHYSIOTHERAPIST (GB + IRL) MASSEUR-KINESIOTHERAPEUTE (F)
 PHYSIOTHERAPEUT/KINESIOTHERAPEUT (B) PHYSIOTHERAPEUTE/MASSEUR/MASSEUR-HYDROTHERAPEUTE (L)
 40 KRANKENGYMNASI/MASSEUR/MASSEUR UND MEDIZINISCHER BADEMEISTER (D) FYSIOTHERAPEUT (NL)
 FYSIOTERAPEUT (DK)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
-Physio-therapist (graduate) Training Centre	Yes	-	6 years secondary school	3 yrs	1200 h + 300 h	1200 h	Physical trainings of the patients by gymnastics and different treatments	Hospitals, Institutions for physically handicapped, Home
-Physio-therapist (licentiate) University	Yes	-	6 years secondary	4 yrs	3 yrs	1 year	Idem	Idem
Physio-therapist (licentiate)	Yes	-	Licentiate in physical training	2 yrs	1 yr	1 year	Idem	Idem
-Physio-therapist Training Centre	Yes	-	Realschule (Intermediate) Certificate or equivalent education	3 yrs	2 yrs	1 year	Idem B	Hospitals, Private practice, Nursing homes

B

D

PROFESSION: PHYSIOTHERAPIST (2)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
<u>Masseur</u> College	Yes	18	B-level final examination or equivalent education	2 yrs	1 year (1800 h)	1 year	Special schools (colleges)	Carries out massages & radio-therapy of different kinds on medical prescription	In hospitals & in rehabilitation clinics, in Public Health Service and in own practice
D (cont) <u>Masseur & Hydro-Therapist</u> College	Yes	18	B-level final examination or equivalent education	2½ yrs	1 yr (1800 h)	1½ yrs	Special schools (colleges)	Carries out according to medical prescription - massages, radiotherapy, packs & medicinal baths of different kinds	In hospital, in rehabilitation centres, in Public Health Service & in own practice
Issued by Training Centre	Yes	-	9 months' job-experience. Advanced leaving Examination of the "Folkeskole", Upper Secondary School leaving Examination or Higher Preparatory Examination	3 yrs	3362 h	1250 h	Special school level	Physical training of the patients by physical exercise, gymnastics, and different treatments	Hospitals, Private practice, Nursing homes

DK

PROFESSION: PHYSIOTHERAPIST (3)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
F	DRASS State Diploma under supervision of Chief Medical Officer	No	18	-BAC or qualification recognised as equivalent -Aptitude tests	3 yrs	40%	60% (of which 30% training)	Masseur/ Physiotherapist	Public hospitals, Private practice
GB	Chartered Society of Physiotherapists	Yes State Registration	18	5-6 years secondary education (two subjects approx 1st year university level)	3yrs	1000 h	2000 h	Physiotherapy	Hospitals, Community, Domiciliary
GR				6 years secondary	3 yrs	1510 h	2100 h	Physiotherapy	Hospitals, Institutions for physically and/or mentally handicapped, Private practice

PROFESSION: PHYSIOTHERAPIST (4)

Who awards Diplomas?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
University	No	17	Matriculation of the National University of Ireland in the following subjects: Irish, English, mathematics, another language from the Matriculation programme, a laboratory science subject, any other subject of the matriculation programme, or passing at prescribed levels in the required subjects the Leaving Certificate of the Department of Education or the GCE (Northern Ireland) <u>or</u> obtaining grades in the required subjects in a combination of Matriculation and Leaving Certificate Examination.	4 yrs	Yes	A minimum of 1000 hrs, clinical work	Physiotherapy	General hospitals, Hospitals and Institutions for mentally or physically handicapped

IRL

PROFESSION: PHYSIOTHERAPIST (5)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
		Mat- ure cand- idate (ie over 25 yrs age)	Leaving Certificate or GCE 'A' level or equivalent exam- inations which must have a minimum of Grade C on three higher level papers in the Leaving Certificate or two 'C' passes in the GCE 'A' level (or equivalent) two of which must be in the following subjects: biology, physics, chemistry, mathematics, physics with chemistry. A minimum of grade C in Lower Level mathematics in the Leaving Certificate is required & grade B in the GCE 'O' level.					

IRL
(cont)

PROFESSION: PHYSIOTHERAPIST (6)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total Theory	Practical			
Physio therapist Ministry of Health	Yes	Not specified, but norm-ally 21-24 yrs old	Secondary Education Certificate from higher-level secondary school or recognised foreign equivalent	3 yrs	2 yrs	1 year	Carries out hydro-physio- and electro-therapy, medical gymnastics - all on medical prescription	Private practice, Municipal or State hospitals, Thermal clinics and other
Masseur & Masseur and Hydro-Therapist Ministry of Health	Yes	17	Nursing diploma = 3 yrs Masseur = 2 yrs	2 yrs	1200 h	1200 h	On medical prescription, use of preventive & therapeutic physical methods to stimulate normal functions of the body and keep them working properly	Liberal profession Private, local or State clinic, Spa or residential health centre or similar

PROFESSION: PHYSIOTHERAPIST (7)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Institute of Higher Vocational Training NL	Yes By the Ministry of Health and Environmental Protection	No age limit	5 years secondary school - with science subjects - (HAVO)	4 yrs	3 yrs	1 year	Practice remedial activities within the physiotherapy framework	General & psychiatric hospitals, Homes for somatic and mentally disturbed and old. Institutions for the physically and/or mentally handicapped
I*		Over 19	13 year schooling and diploma	3 yrs	I 1458h III 1295h III 525h	700 h	Rehabilitation in child neuro-psychiatry, rehabilitation techniques in neurologic, respiratory, rheumatological, speech handicaps, occupational education	

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: POST MORTEM ROOM TECHNICIAN (GB + IRL)
 41 MEDIZINISCHER SEKTIONS- UND PRÄPARATIONSSASSISTENT (D)
 LABORATORIEBETRIEB (DK)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
D	College	Yes	18	B-level final examination	1 yr	6 mnths	6 months	Doctor's assistant in anatomical and pathological institutes	Hospitals and clinics
DK	The Association of the County Councils in Denmark	No	18	The Leaving Examinations of the Folkeskole (IE)	8 mnths	4 wks	7 months	Assist doctors at dissections	Hospitals, University
GB + IRL	Royal Institute of Public Health and Hygiene or National Technical Education Council	No	-	4 years secondary education	3 yrs	In-service study	3 years	Autopsy, dissection, other post mortem room duties	Hospitals

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: PROTHETIST/ORTHOTIST (GB + IRL)
 PROTHESISTE/ORTHOPEDIST (B)
 ORTHOPÄDIE-MECHANIKER (D)
 ORTHOPEDISCH INSTRUMENTMAKER (SCHOENMAKER) (NL)

42

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
B	Yes	-	2 years secondary school	4½ - 5½ yrs	4½-5½ years following the aggregation degree	Technical level (low)	See GB & IRL	See D below
D	No	-	B-level final examination	3½ yrs	3½ yrs	Artisan, after further training Registered Master	Design and manufacture of prosthesis (artificial limbs) and of orthotic devices (supporting and redressment apparatus)	Department for technical orthopaedics within hospitals, rehabilitation centres, orthopaedic workshops & in special shops for orthopaedics with own workshop
GB	No	-	4 years secondary education	3 yrs	⅔ theory and ⅓ practical followed by 2 years of intern practical training	Diploma Course under University	Assist medical staff in provision of artificial limbs etc	Hospital

PROFESSION: PROSTHETIST/ORTHOTIST (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
IRL	Diploma awarded by British Institute of Surgical Technologists	No	No age limit	Intermediate Certificate	3 yrs	40% approx	60% approx	University Diploma course	Makes and fits artificial limbs etc	Rehabilitation Centre
NL	Under supervision of the Ministry of Education	No	No age limit	5 years secondary school with science subjects (HAVO)	2 yrs	Yes	Yes	Intermediate Vocational Training (HBO)	To improve the movement of handicapped people by making footwear	Private practice, General & academic hospitals, Rehabilitation Centres, Nursing Homes, Institutions for the physically and/or mentally handicapped

HEALTH CARE PROFESSIONS IN THE DEEC

PROFESSION: PSYCHOTHERAPIST
 43 MEDIZINISCHER PSYCHOTHERAPEUT/FACHPSYCHOLOGIE FÜR KLINISCHE PSYCHOLOGIE (KLINISCHER PSYCHOLOGE) (D)
 PSYCHOTHERAPEUT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Vocational Association	No	-	Study of psychology with final graduation (diploma)	4 yrs	-	4 years of practical experience in the field of clinical psychology	To improve the psychosocial care of acute or chronically ill persons; direct therapeutical work with patients (including support or advice); advice, support, help for and training of medical personnel; psycho-medical research	In psychiatric, psycho-somatic and rehabilitation clinics as well as in public guidance offices for addicts, marriage and education
University	Yes	-	6 years secondary education (VMO)	5 yrs	4½ yrs	½ year	Treatment of mentally ill persons	All kinds of health care

D

NL

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: RADIOGRAPHER (GB + IRL) ASSISTANT TECHNIQUE MEDICAL DE RADIOLOGIE (L)
 44 MEDIZINISCH-TECHNISCHER RADIOLOGIEASSISTENT (D) RADIOLOGISCH LABORANT (NL)
 RADIOGRAF (DK) MANIPULATEUR RADIO (F)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Issued by Training Centre	Yes	-	Realschule graduate or equivalent education	2 yrs (x)	1040 h	1760 h	Production of X-ray films	Hospitals, Private practice
	(x) Shortening of training period: for medical radiography technicians: 1 year if candidate has graduated as medical laboratory technician or veterinary medical technician							
Issued by Training Centre	No	-	Advanced Leaving Examination of the "Polkeskole", Upper Secondary School or Higher Preparatory Examination	3 yrs	1030 h	120 weeks	Assisting at the X-ray examinations and treatments, technically and in the care of patients	Hospitals
	DK							
State Diploma	No	-	- BAC + competition by qualification - BAC with competition on the basis of a test	2 yrs	50%	50%	Medical radiographer	Public hospitals, Private clinics or Consultancies
	F							

PROFESSION: RADIOGRAPHER (2)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory			
GB	Society & College of Radiographers	Yes State Registration	18	5/6 yrs Secondary Education (one subject approx 1st yr university level)	2½ yrs	1200 h	1200 h	Idem DK	Hospitals
GR				6 years Secondary School	2 yrs	10 h/week	26 h/week	Idem DK	Hospitals, Private Clinics, Private Practice
IRL	College of Radiographers (London)	No	18 before end Dec follow- ing entry	Leaving Certificate in 5 subjects including English, physics (or physics with chemistry combined course) mathematics, biology & another subject. Minimum of Grade C award on Higher level papers in English, physics & biology. At least Grade D on Ordinary level papers is required in two other subjects, or equivalent examination	3 yrs	In accordance with recommendations of the College of Radiographers (London)	Third level	Radiography	Hospital clinics

PROFESSION: RADIOGRAPHER (3)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Ministry of Health	Yes	Not specified but normally after 17 yrs old	Must have successfully completed 11 yrs formal education (primary, secondary, technical college, all inclusive) & take an examination after 1 term of preparation. This is a State controlled examination. Candidates possessing the State Nursing Diploma or Secondary School Leaving Certificate are excluded from this examination - - - - - x For those candidates who possess the State Nursing Diploma	2 yrs	1 1/2 yrs	6 months	Idem DK	Hospitals & private doctors practice
Under supervision of the Ministry of Health & Environmental Protection	Yes	No age limit	5 years Secondary School - preferably with science subjects (HAVO)	2 yrs	In-Service	In-service	Giving of Radiation therapy	General Hospitals
I*	Yes	Over 19	13 yrs schooling and diploma	3 yrs	30 h/week	4 h/week	Diagnostic techniques in radiology	

L

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: REMEDIAL GYMNAST (GB)
KRANKENGYMNAST (D)

45

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
			Age	Education	Total	Theory	Practical			
D	Training Centre	Yes	-	Realschule (Intermediate) Certificate or equivalent education	3 yrs	2 yrs	1 year	Special schools (Lehranstalten)	Physical training of the patients by gymnastics and different treatments	Hospitals, Private practice, Nursing homes
GB	Society of Remedial Gymnasts	Yes	-	4 years secondary education	3 yrs	2 yrs	1 year	Schools attached to hospitals	Therapy through exercises, games & planned relaxation	Hospital, Community

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: SOCIAL THERAPIST
46 SOCIO-THERAPEUT (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
Under supervision of the Ministry of Education	Yes By the Ministry of Education	No age limit	5 years secondary school (HAVO)	2 yrs	Yes	Yes	To give help to patients with psycho-social problems	General and psychiatric hospitals, Institutions for somatic or/and mentally handicapped

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: SPEECH THERAPIST (GB + IRL)
 LOGOPÈDE/LOGOPÉDIST (B)
 LOGOPÄDE/SPRACHTHERAPEUT (D)
 ORTHOPHONISTE (F)

THERAPEUTE D'ORTHOPHONIE/ORTHOPHONISTE (L)
 LOGOPÉDIST (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements			Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory	Practical			
Speech Therapist (graduate) Training Centre	No	-	6 years secondary school	3 yrs	1872 h	Exercises 702h Practical training: 792 h	High Technical school	Treatment of speaking deviations hospital	In- or outside the hospital
Speech Therapist (licentiate) University	Yes	-	-Candidature in medical or education sciences or in psychology -Graduate in speech therapy	3 yrs	2 yrs	105 days	University level	Idem	Idem

B

PROFESSION: SPEECH THERAPIST (3)

	Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities	
			Age	Education	Total	Theory				Practical
IRL	BA degree in Remedial Linguistics awarded by University	No	17 yrs by 15th Jan following date of entry	Leaving Certificate or equivalent. Candidates holding the Leaving Certificate must have at least Grade D in six subjects recognised for purposes of matriculation for Trinity College, Dublin, including English and mathematics	4 yrs	960 h approx	790 h approx	University	Generally works as a member of a team usually in a hospital, clinic; rehabilitation centre or special school & may be employed by health boards & hospital groups	
L	University degree. Recognition by Luxembourg Government	Yes	-	Examination at end of secondary school - higher level (Bac)	3 yrs	Depends on University	University level	Logopedics	State, Logopedic school	
NL	Institute of Higher Vocational Training	Yes By the Ministry of Health and Environmental Protection	No age limit	5 years secondary school - with sciences subjects - (HAVO)	4 yrs	3 yrs	1 year	Higher Vocational Training (HBO)	Treatment of patient with voice or speech deviations	General and psychiatric hospitals, Homes for somatic and mentally disturbed & old. Institutions for the physically and/or mentally handicapped

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: SURGICAL OPERATION ASSISTANT
 OPERATING DEPARTMENT ASSISTANT (GB)
 OPERAATIE-ASSISTENT CHIRURGIE (NL)

48

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
City and Guilds of London Institute Certificate	No	-	4 years secondary school education	2 yrs	Technical College course, attending one day a week for theoretical training, while working as an employee at a hospital on the remaining days	Technical College	Assists in the Operating Department & cares for the equipment	Hospitals

3B

HEALTH CARE PROFESSIONS IN THE EEC

PROFESSION: TRUSSMAKER
 BANDAGISTE/BANDAGIST (B)
 BANDAGIST (D)
 GLFSVERBANDMEESTER (NL)

Who awards Diploma?	Is Professional Registration Required?	Pre-entry Educational Requirements		Training Requirements		Level of Professional Education	Functions	Field of Activities
		Age	Education	Total	Theory			
B Training Centre	Yes	-	2 years secondary school	1-3½ yrs	1-3½ years following the aggregation degree	Technical level (low)	Manufacturing of bandages	Specialised workshops, hospitals and clinics
D Chamber of Handicrafts	No	-	B-level final examination	3 yrs	3 years	Artisan, after further training registered Master	Manufacturing of bandages (that is technical means with body conformity, eg supporting bandages, compression-bandages, medical abdominal binders truss)	Departments for technical orthopaedics within orthopaedic hospitals, rehabilitation centres & in orthopaedic-technical workshops

COMMENTS

In view of the criteria on which this report is based information for some professions in various countries has been excluded often because a nursing qualification is a pre-requisite for the profession or training in question. Such is the case of Italy where child care workers, occupational therapists, speech therapists, and play therapists, are categorised under nursing personnel¹.

However since Italy is not a member of the Hospital Committee it has been particularly difficult to obtain information but it is hoped that more information will be available for a second edition.

Ambulance First Aid Technician/Ambulanceman

In Belgium there is no training or diploma for this profession and although there is training in Denmark it does not lead to the award of a diploma. In the Netherlands this profession requires a nursing qualification and would therefore be covered by the EEC directive covering the nursing profession.

Assistant Medical Analytical Chemist

In the Netherlands there is little difference between this profession and that of Medical Laboratory Scientific Officer although the level of professional education and pre-entry educational requirements are slightly lower for an Assistant Analytical Chemist than for a Medical Laboratory Scientific Officer.

Audiologist

This profession requires a higher level of study and in Ireland the training course is a one year post-graduate course which is only open to doctors, teachers, psychologists and speech therapists. In Britain Audiologists are trained doctors and are therefore covered by existing EEC directives. Although this profession exists in Luxembourg there is no real training provided although two years theoretical and practical in-service experience is usual.

1 Hospitals in the EEC organisation and terminology. 1978 The Hospital Committee of the European Economic Community and Gyldendal publishers. Denmark.

Audiometrician/Audiology Technician

With the exception of Ireland and the Netherlands the profession of Audiology Technician requires a two year vocational training course. In the Netherlands training lasts three years whereas in Ireland it lasts only one year but comprises three months theory and nine months supervised practical training. Hence the Irish training may be compared with the two and three years training required by other countries where the emphasis is on practical rather than theoretical work.

Auxiliary Child Care Worker

In Britain this post may be filled by a nursery nurse since assisting nursing staff in childrens' hospitals is one of the opportunities available to nursery nurses. However, in Scotland training for nursery nurses is in the process of being changed in accordance with the 16+ Action Plan¹ which is replacing the SCOTBEC AND SCOTEC National Certificates and Diplomas with a new modular based National Certificate to be awarded by SCOTVEC.

Auxiliary Nurse

Where training is provided for Auxiliary Nurses it usually lasts one year and is essentially practical. However, in Belgium Auxiliary Nurses are required to train for two years and more emphasis is placed on theoretical knowledge.

Clinical Psychologist

Clinical Psychologists must have university level training in all cases but in Britain, Ireland and Greece a post-graduate training is required.

Dental Hygienist

In Britain this profession requires only nine months training and there is less emphasis on preventive tooth-care than in Denmark and the Netherlands.

Environmental Health Officer

This profession requires higher level education and in Germany Environmental Health Officers must follow a one year post-graduate course. A post-graduate course is also offered in Britain.

1 16-18 Action Plan: Original Paper. Scottish Education Department. Edinburgh 1984.

Medical Secretary

The length and type of training required to be a Medical Secretary differs greatly from one country to another although the functions of the Medical Secretary are much the same in every country.

Medical Social Worker/Psychiatric Social Worker

Although this profession requires university or equivalent training in all countries, in Britain candidates must follow a one or two year post-graduate course.

Occupational Educationalist

This profession usually requires university or equivalent level training except in the case of Denmark where the Occupational Educationalist acts as an assistant to the Occupational Therapist.

Occupational Therapist

This profession usually requires a higher level vocational training with school leaving certificates as the pre-requisite for acceptance to the training course except in the case of France where no formal qualifications are required to be accepted on the training course.

Optician

The length and type of training course provided for Opticians varies greatly from one country to another and only Britain and Ireland distinguish between Dispensing and Ophthalmic Opticians.

Physiological Measurement Technician

In Luxembourg these four specialities are not divided and in most cases the function is fulfilled by a nurse.

Physiotherapist

In Italy the functions of a physiotherapist vary slightly from those described by other Member States. For example the treatment of speech handicaps is included as part of a physiotherapists work whereas in most countries such problems are usually treated by a special speech therapist.

Post Mortem Room Technician

In Britain the training for this profession lasts three years unlike Germany and Denmark where the training is much shorter.

Prosthetist/Orthotist

In Belgium the entrance requirement for the training course for this profession is only two years secondary education whereas in all other countries this profession requires university level training.

EDUCATION SUPPLEMENT

To achieve free movement, one of the main objectives of the Treaty of Rome, it is necessary to have a proper degree of harmonization of conditions of practice. This means that there must be mutual recognition of educational qualifications. However, although mutual recognition does not mean equivalence it is necessary to ensure that overall standards are comparable.

Member states of the EEC are party to various bilateral or multilateral agreements governing practice in the professions. Certain conventions have also been drawn up by the Council of Europe on equivalence of diplomas although such conventions do not confer eligibility to practise.

Multilateral agreements

- a European convention on the Equivalence of Diplomas leading to Admission to Universities (11 December 1953).
- b European Convention on the Equivalence of Periods of University Study (15 December 1956).
- c European Convention on the Academic Recognition of University Qualifications (14 December 1959).
- d Convention on the Recognition of Studies, Diplomas and Degrees in Higher Education in the Arab and European States bordering on the Mediterranean (Unesco, 17 December 1976). France and Italy are signatories.

Bilateral agreements

The agreements are listed by country and refer to the mutual recognition of secondary school leaving certificates.

		NATIONAL QUALIFICATIONS ACCEPTED BY								
		B	DK	F	D	IRL	I	L	NL	UK
QUALIFICATIONS ACCEPTED FROM:	B	-	CE	G	X	G	✓	✓	✓	G
	DK	G	-	G	G	G	CE		CE	G
	F	✓	CE	-	X	✓	✓	✓	CE	G
	D	✓	CE	✓	-	G	CE	✓	✓	G
	IRL	G	CE		G	-	CE		CE	G
	I	✓	CE	G	X	G	-		CE	G
	L	✓	CE	✓	G	G	CE	-	CE	G
	NL	✓	CE	G	X	G	CE		-	G
	UK	G	CE	G	G	G	CE	✓	CE	-

- ✓ indicates where bilateral agreements exist
- X indicates that agreements are pending or not fully operational
- CE indicates the implementation of Council of Europe agreements on admission of students so that bilateral agreements are not considered necessary
- G indicates that the appropriate qualifications are generally acceptable but they are not covered by bilateral or Council of Europe agreements.

1 Commission of the European Communities
 Studies: Academic recognition of diplomas in the European Community.
 Present state and prospects.
 1979 Education series No 10; Brussels: August 1977.

BELGIUM

The present Belgian education system may be divided into the areas listed below.

- 1 Nursery education
- 2 Primary education
- 3 Secondary education
- 4 Secondary vocational education
- Superior education
- 5 Higher non university education
- 6[&] University education

Notes on some of the above items.

Secondary education

The traditional system of secondary education in Belgium has been gradually replaced since 1969 by the modern system. However there may still be a few areas where the traditional system is followed. For a description of this system consult "The Educational Systems in the European Community: A Guide"¹ by Lionel Elvin. In September 1983 the school leaving age was raised from 14 to 16 and there are plans to make part-time schooling compulsory until the age of 18.

Secondary school examinations

The Lower Secondary Certificate is awarded to pupils who successfully complete the third year of general, technical or art education.

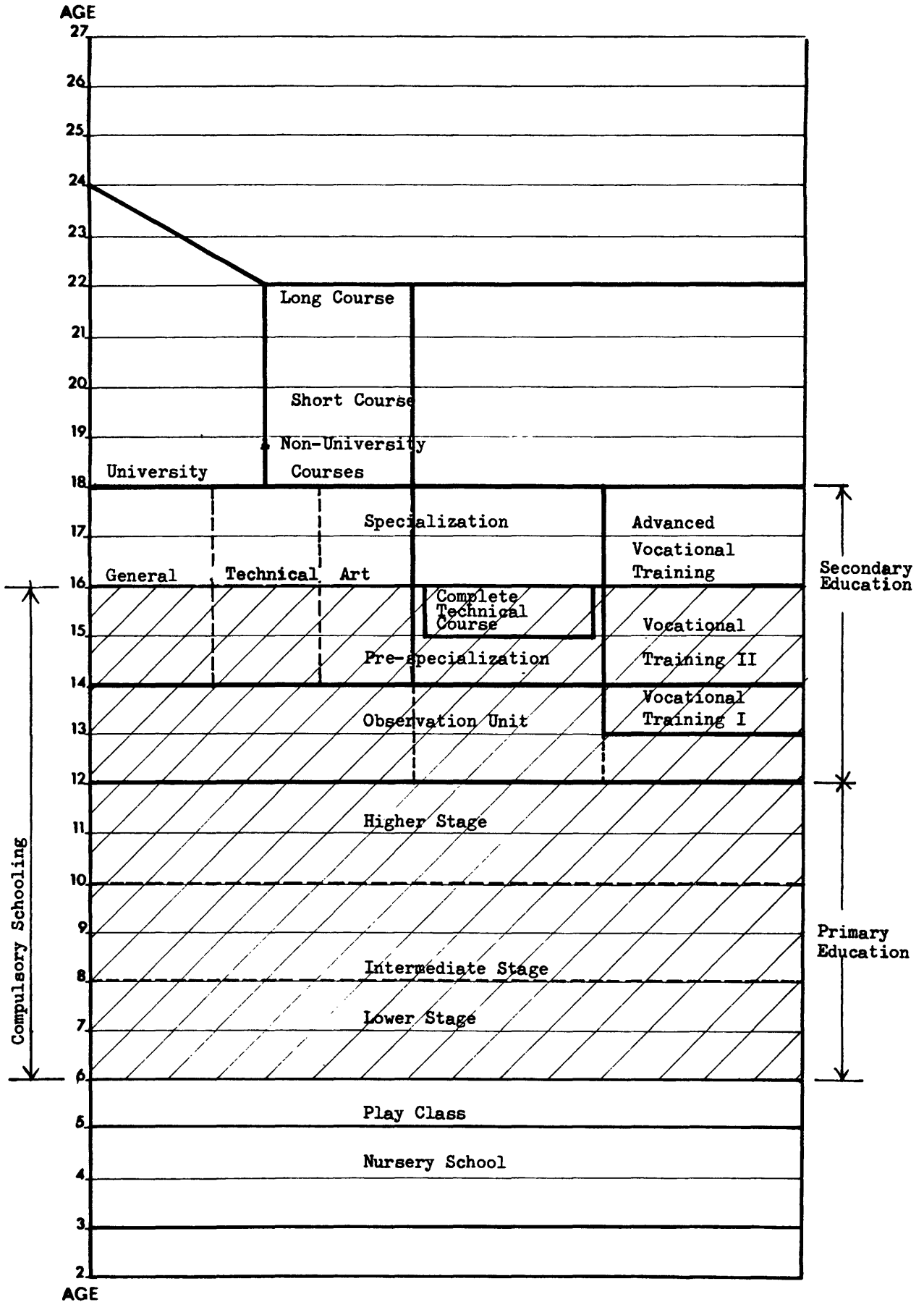
The School Leaving Certificate is awarded to pupils who complete the fourth year of a technical or vocational course.

The Upper Secondary School Certificate, awarded after six years of secondary education, gives access to short courses of higher education.

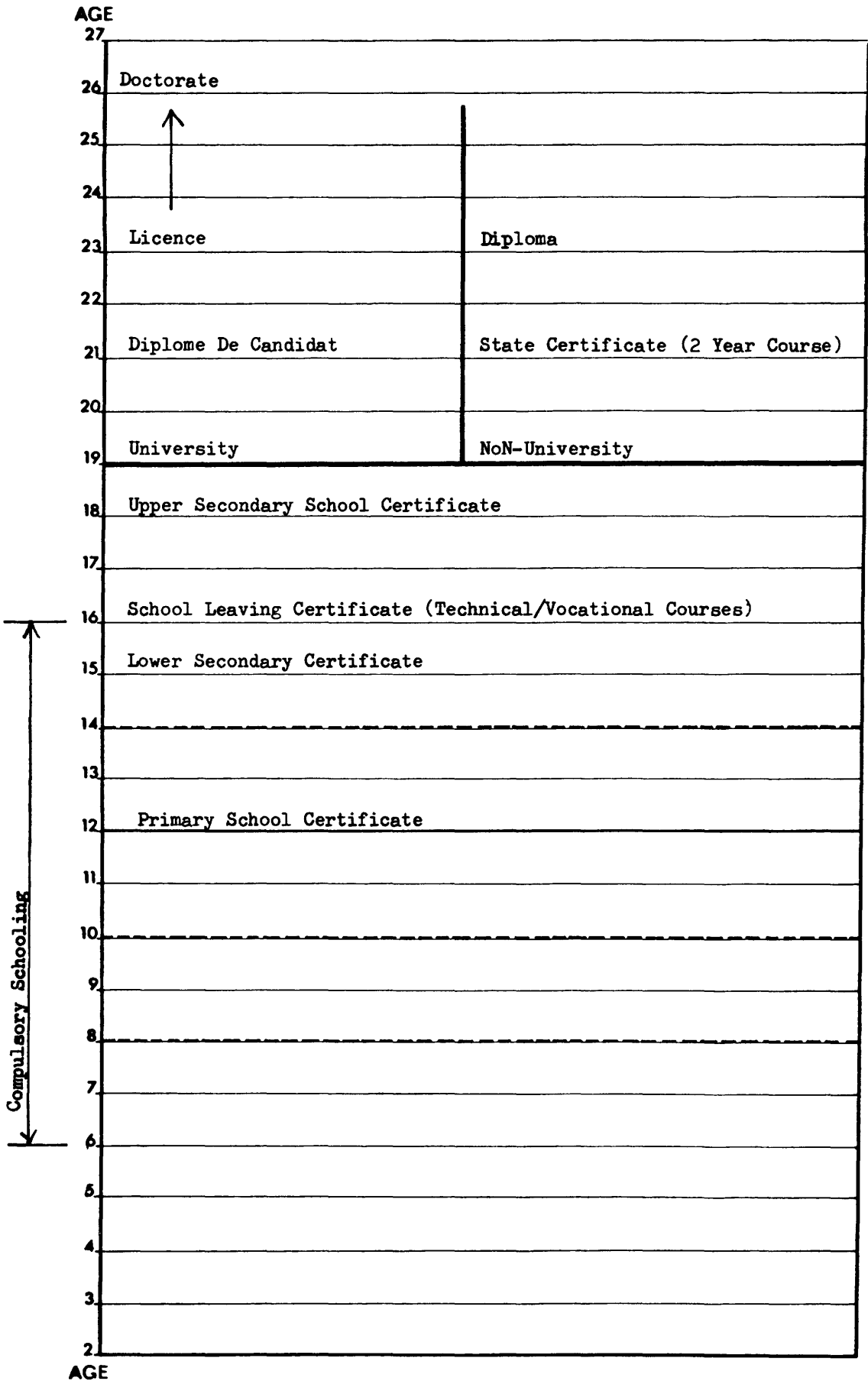
Pupils following complete courses of technical education receive a leaving certificate which opens the door to employment.

Pupils must pass the Higher Education Qualifying Examination in order to go to university or take other long further education courses.

BELGIUM - education system



BELGIUM - examination system



DENMARK

The Danish education system may be divided into the areas listed below.

- 1 Pre-school education
- 2 Primary and lower secondary education (the Folkeskole)
- 3 General upper secondary education (Gymnasia and courses leading to the Higher Preparatory Examination (HF))
- 4 Vocational education and training
- 5 Further and higher education
- 6 Youth and adult education.

Notes on some of the above items.

Folkeskole

Primary and lower secondary education is comprehensive, ie pupils remain together as a class throughout their entire school career, although classes are sometimes divided in the 8th, 9th and 10th forms. The Leaving Examination of the Folkeskole may be taken in a maximum of 11 subjects and the Advanced Leaving Examination, which may only be taken after completing the voluntary 10th form, in a maximum of five.

Upper secondary education

The Upper Secondary School Leaving Examination (taken upon completion of the three-year gymnasium or a two-year course) and the Higher Preparatory Examination (taken upon completion of a two-year course or completed subject by subject) both give access to higher education.

Vocational education and training include:

- a Apprenticeship training
- b Basic vocational education (EFG)
- c Basic technical or commercial examination courses
- d Agricultural education and training
- e Courses of social and health education
- f Other types of vocational education.

In some cases, EFG students are able to sit for the Leaving Examinations of the Folkeskole or the Higher Preparatory Examination.

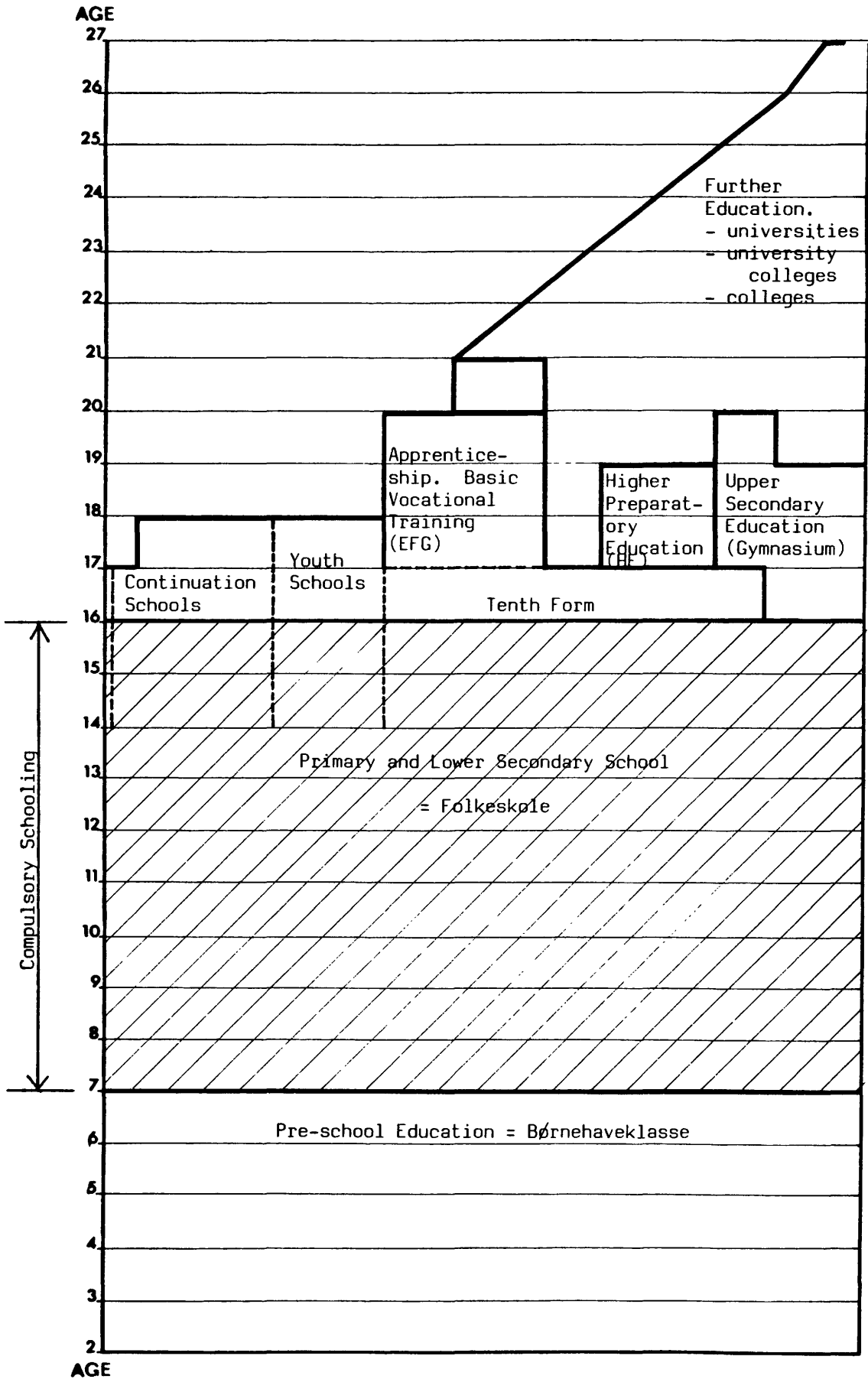
Municipal youth schools

These provide courses for the 14-18 year-olds and work in close cooperation with the Folkeskole, especially in offering practical subjects. It is possible to sit for the Leaving Examination or the Advanced Leaving Examination of the Folkeskole at the Youth Schools. Basic vocational courses are also offered for young semi-skilled workers, and sometimes pupils over the age of 14 may be granted permission to leave the Folkeskole after the 7th form and follow a part-time course in a youth school if this is considered to be in the pupils' interest.

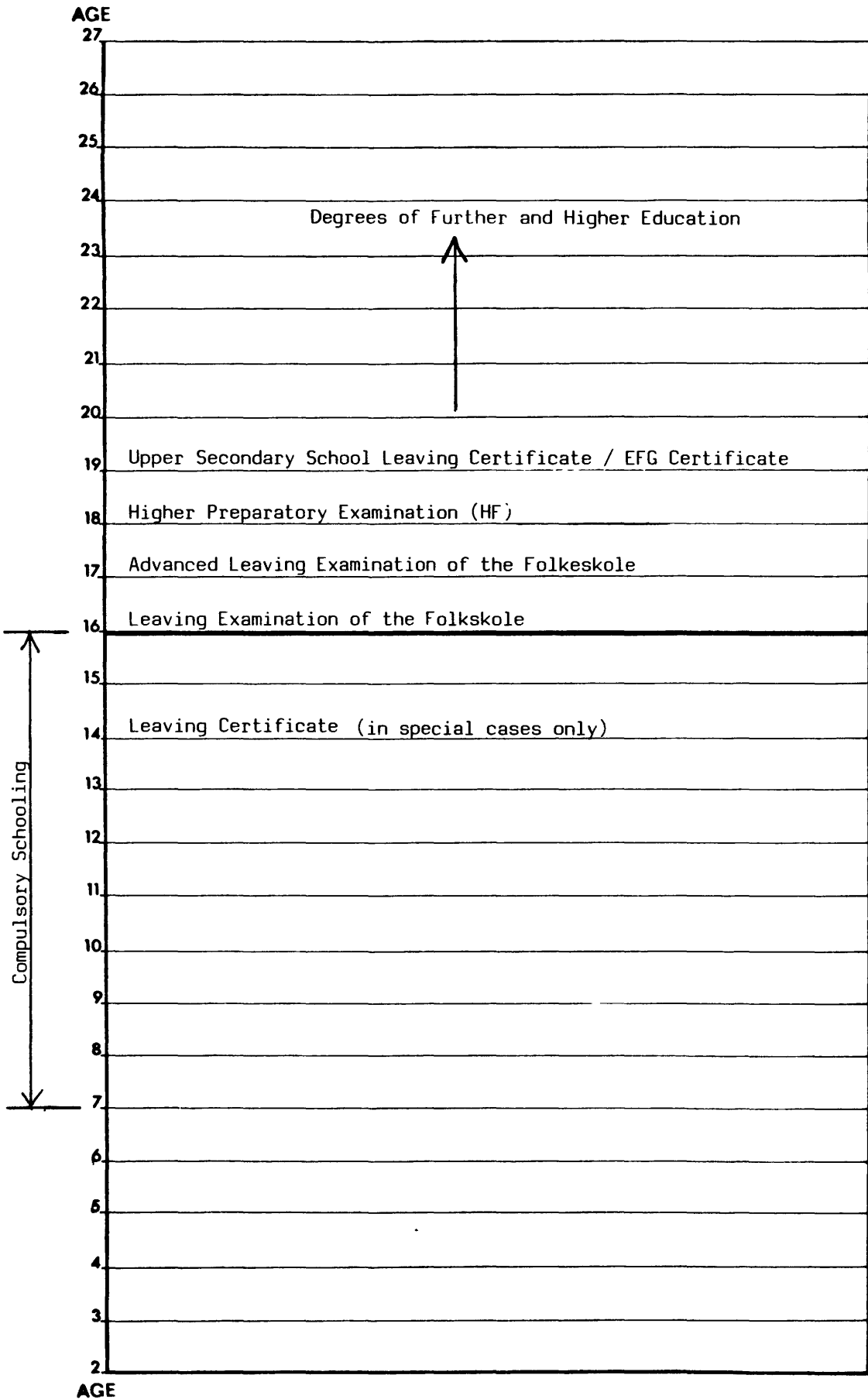
Continuation schools

These residential schools provide courses for the 14-18 year-olds with great emphases on practical subjects. At continuation schools, it is possible to sit for the Leaving Examination or the Advanced Leaving Examination of the Folkeskole.

DENMARK - education system



DENMARK - examination system



FRANCE

The present French education system may be divided into the areas listed below.

- 1 Pre-school education
- 2 Primary education
- 3 General secondary education
- 4 Technical secondary education
- 5 Vocational secondary education
- 6 Further and higher education.

Notes on some of the above items.

Primary education

This is divided into three cycles: a one year preparatory cycle, a two year elementary cycle and a two year intermediary cycle.

Secondary education

Secondary education is given in three types of school: collèges, lycées and lycées d'enseignement professionnel.

One single type of school, the collège, normally caters for the first four years of secondary education. Collège schooling falls into two 2-year cycles: the "observation cycle" during which all pupils study the same subjects in mixed-ability classes and the "orientation cycle" during which some specialization is introduced. On completing the "observation cycle" pupils who want to embark on pre-vocational studies can attend preparatory classes either in the collèges or in the lycées d'enseignement professionnel.

The lycées take pupils after the collège and offer three year courses leading to one of the following examinations:

- baccalauréat of secondary education (Bac)
- technical baccalauréat (BTh)
- brevet de technicien (BT).

The Baccalauréat of Secondary Education (Bac)

According to the courses they have taken, pupils sit for one of the following types of baccalauréat, called a "series":

- A: philosophy - arts
- B: economics and social sciences
- C: mathematics and physical sciences
- D: mathematics and natural sciences
- E: mathematics and technology.

The baccalauréat of secondary education opens the door to further education.

Technical Baccalauréat (BTh)

Pupils who opt for this examination choose courses from one of the following three series:

- F: 12 options covering a wide sector of industrial, medico-social and musical activities.
- G: three options relating to economic sectors
- H: one option relating to data-processing technology.

The BTh sanctions both general education and vocational training and leads to certain higher courses at university, university institutes of technology (I.U.T.) and the preparatory classes for the "grandes écoles" or directly to a technical career.

Brevet de Technicien (BT)

The purpose of this examination is essentially vocational. Nevertheless pupils must have obtained a standard equivalent to that required for a BTh and holders of this certificate can pursue their technical studies at a higher level.

Lycées d'Enseignement Professionnel (LEP) (Vocational Secondary Schools)

These schools offer two kinds of courses:

- two year courses commencing after seven years of general education leading to the Certificat d'Aptitude Professionnelle (CAP) in a specific skill

- two year courses commencing after nine years of general education leading to the Brevet d'Etudes Professionnelles (BEP) which sanctions the training of qualified technicians but is broader based than the CAP.

After the LEP the best pupils may move on to the technical sections of the lycées.

Further and higher education

Les Grandes Ecoles

These are higher specialised schools which are independent of the universities and have competitive entrance examinations for which pupils study in special preparatory classes after completing the Bac. They offer various courses including courses in teaching, administration, economics, engineering.

IUT

This is the Institut Universitaire de Technologie (University Institute of Technology) which offers courses in industrial, administrative and commercial subjects.

INSA

This is the Institut National des Sciences Appliquées (National Institute for Applied Sciences).

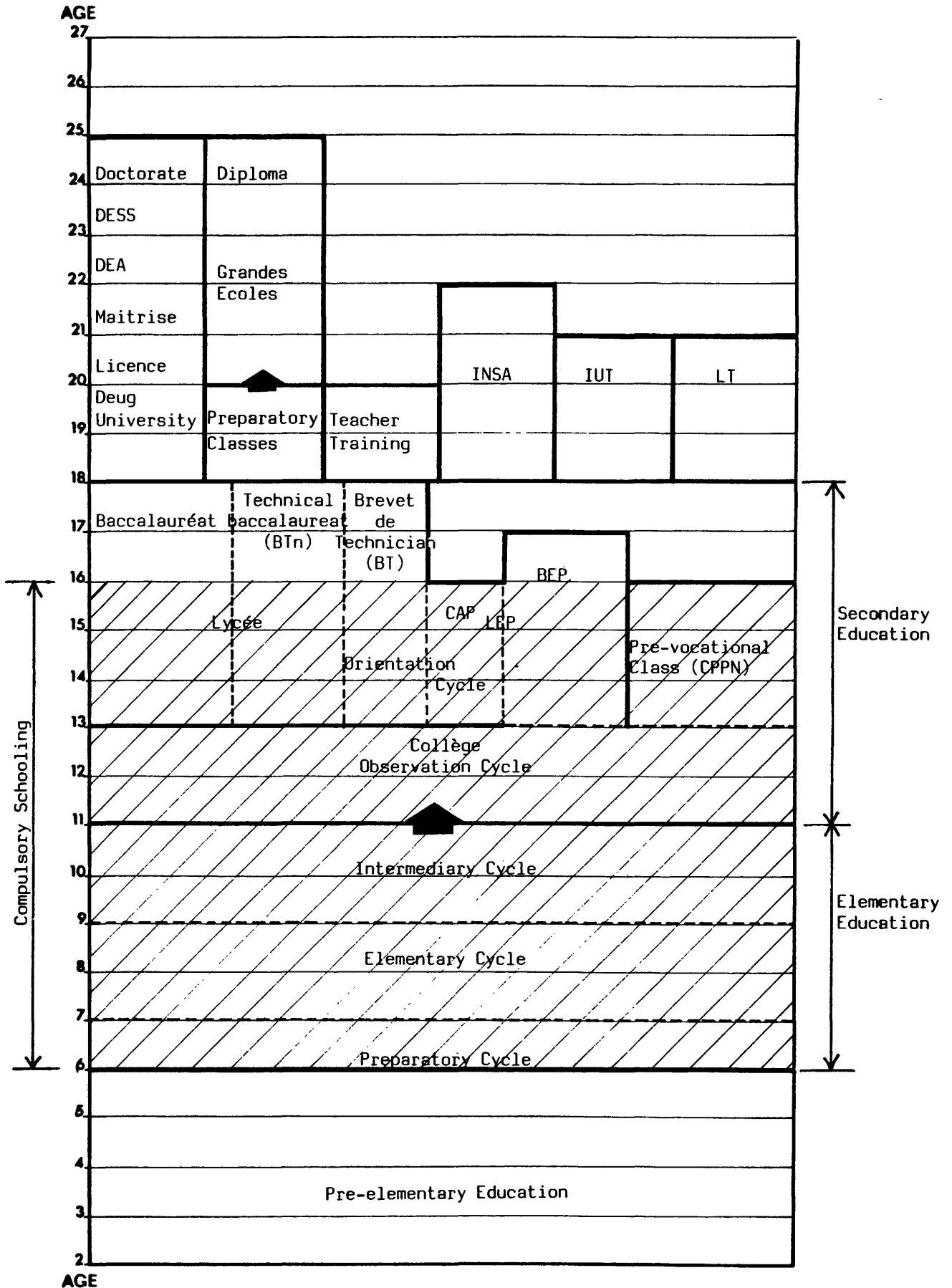
LT

The Lycée Technique (Technical Lycée) offers three year courses leading to the Advanced Technicians Certificate (BTS).

Abbreviations used in the French Education System

CPFN	Classe Pré-Professionnelle de Niveau = Pre Vocational Class
CAP	Certificat d'Aptitude Professionnelle = Vocational Aptitude Certificate
BEP	Brevet d'Etudes Professionnelles = Occupational Studies Certificate
BT	Brevet de Technicien = Technician's Certificate
BTh	Baccalauréat Technologiques = Technical Baccalauréat
Bac	Baccalauréat Générales = Baccalauréat of Secondary Education
LT	Lycée Technique = Technical Lycée
BTS	Brevet de Technicien Supérieur = Advanced Technicians Certificate
IUT	Institut Universitaire de Technologie = University Institute of Technology
DUT	Diplôme Universitaire de Technologie = University Technology Diploma
INSA	Institut National de Sciences Appliquées = National Institute for the Applied Sciences
DEUG	Diplôme d'Etudes Universitaires Générales = Diploma of Basic University Studies
DEA	Diplôme d'Etudes Approfondies = Diploma in Advanced Studies
DESS	Diplôme d'Etudes Supérieures Spécialisées = Advanced Specialised Studies Diploma
CEP	Certificat d'Education Professionnelle = Vocational Education Certificate

FRANCE - education system



FRANCE - examination system

27	Doctorate		
26			
25	DESS		
24	Agregation/DEA		
23	Maitrise (Master's Degree)		
22	Licence (1st Degree)	BTS	DUT
21	DEUG		
20			
19	University	LT	IUT
18	Brevet De Technicien (Technical Certificate)/Baccalaureat Technical Baccalaureat		
17	Certificate D'Aptitude Professionnelle = Vocational Aptitude Cert. Brevet D'Etudes Professionnelles = Occupational Studies Certificate		
16	Brevet Des Colleges (School Certificate)/CEP (Vocational Education Certificate)		
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Compulsory Education

AGE

THE FEDERAL REPUBLIC OF GERMANY

The present German education system may be divided into the areas listed below.

- 1 Kindergarten
- 2 Elementary education
- 3 Vocational secondary education
- 4 General secondary education
- 5 Part-time or full-time vocational education
- 6 University and non-university higher education.

Notes on some of the above items.

Vocational secondary education

The Hauptschulen are secondary schools which are closely connected with the vocational-education system through which one can acquire higher level certificates. Most pupils enter employment at the age of 15 while continuing to attend the Berufsschule until the completion of their vocational training (at least three years).

The Realschule (Intermediate school) offers a middle-level education and prepares pupils for predominantly practical professions. Some pupils may go on to the grammar schools and others continue their education at full time vocational schools.

General secondary education

The Gymnasium (Grammar school) offers education for 10-19 year olds with a final examination (Abitur) giving access to higher education taken at the end of the final year.

The Gesamtschule is a comprehensive school offering all courses in order to facilitate transfer between general and vocational classes. These schools may be six or nine year schools. In six year schools able pupils may transfer to the upper level of the Gymnasium.

Part-time or full-time vocational education

Pupils must complete eight years of secondary education but the final three years may be completed on a part-time basis at a vocational school (Berufsschule). The Berufsschule may be attended on a part-time or full-time basis. Courses lead to a school leaving certificate and vocational training certificate which gives access to higher schools in the vocational training system.

The Berufsfachschule (Specialised vocational school) is a full-time further education establishment which trains students to undertake an occupation. Admission is subject to holding the Hauptschule Certificate or Intermediate Certificate. The duration of courses vary.

The Berufsaufbauschule is a higher-grade vocational school attended by young people still attending a vocational school or who have completed their compulsory vocational education.

The Fachoberschule is a specialised higher-grade school which provides courses for 16-18 year olds. The course leads to the higher education entrance qualification.

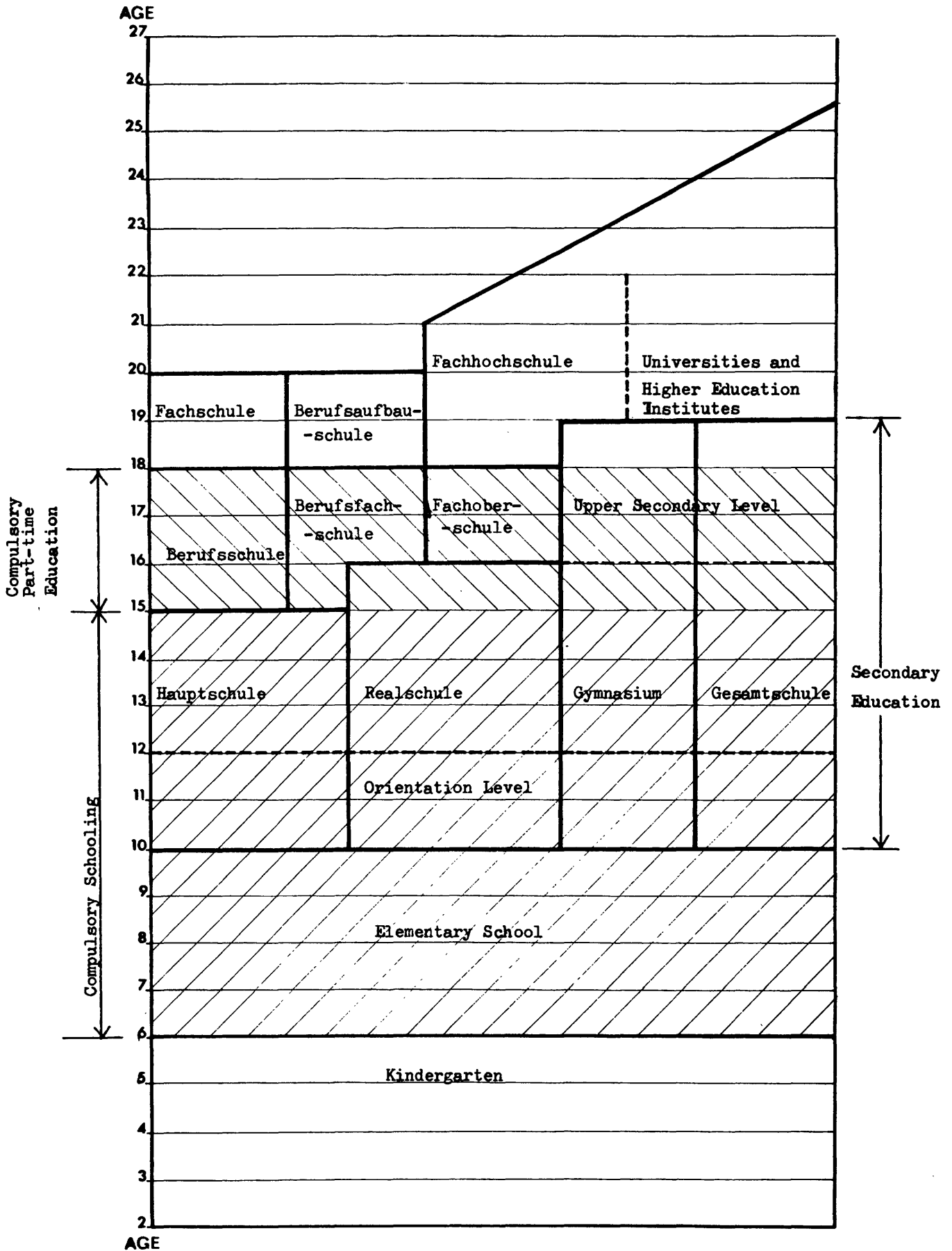
University and non university higher education

The following institutions enjoy university status: universities, polytechnics, technological universities, teacher training colleges, colleges of medicine and veterinary science, colleges of physical education, ecclesiastical colleges, colleges of theology and philosophy, colleges of art and colleges of music.

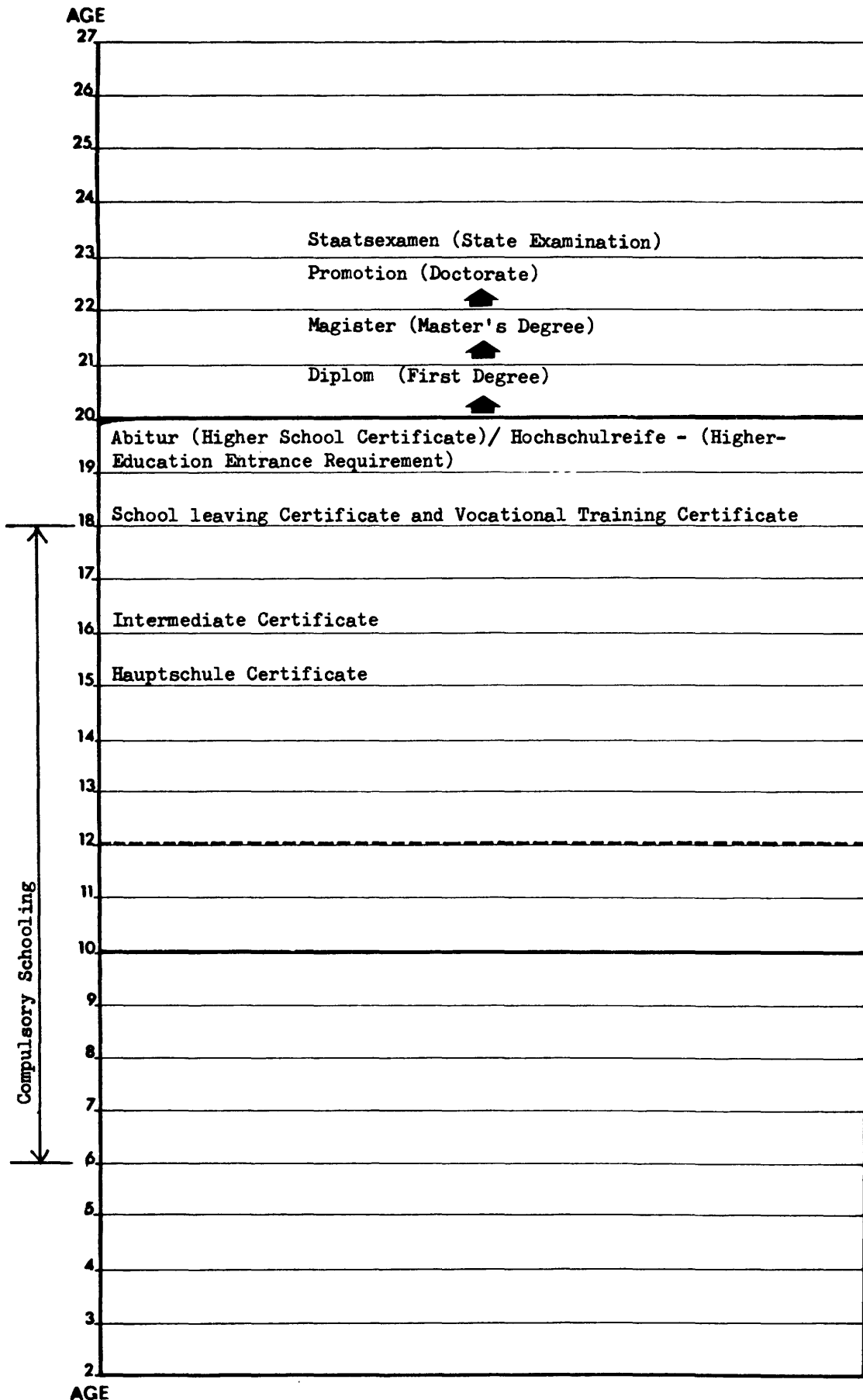
There are also colleges of further education (Fachhochschulen) which have grown out of the former engineering schools. There are also comprehensive universities which combine fields covered by institutions with university status and colleges of further education.

Doctors, teachers, lawyers and pharmacists are required to sit a state examination as well as their degree examinations.

FEDERAL REPUBLIC of GERMANY- education system



FEDERAL REPUBLIC of GERMANY - examination system



GREECE

The Greek education system may be divided into the areas listed below.

- 1 Pre-school education
- 2 Elementary school
- 3 Lower secondary school - Gymnasio
- 4 General and technical upper secondary school - Lykeio
- 5 Technical and vocational school
- 6 Centres for higher technical and vocational education (KATEE)
- 7 Universities and university level institutions.

Notes on some of the above items.

Upper secondary school

There are two possible alternatives. Pupils may attend either a general lykeio or a technical/vocational lykeio. There is no entrance examination to either school.

In the third year of the lykeio pupils choose to follow one of four specialised courses depending on the type of tertiary education studies they plan to pursue.

Group I	Composition	Group II	Composition
	Mathematics I		Physics
	Physics		Chemistry
	Chemistry		Anthropology - Biology
Group III	Composition	Group IV	Composition
	Ancient Greek		Mathematics II
	History		History
	Latin		Sociology) - Introduction
			Political Economy)

The results of examinations in these subjects and a pupil's overall assessment form the basis of the entry requirements for tertiary sector education.

Technical and vocational schools

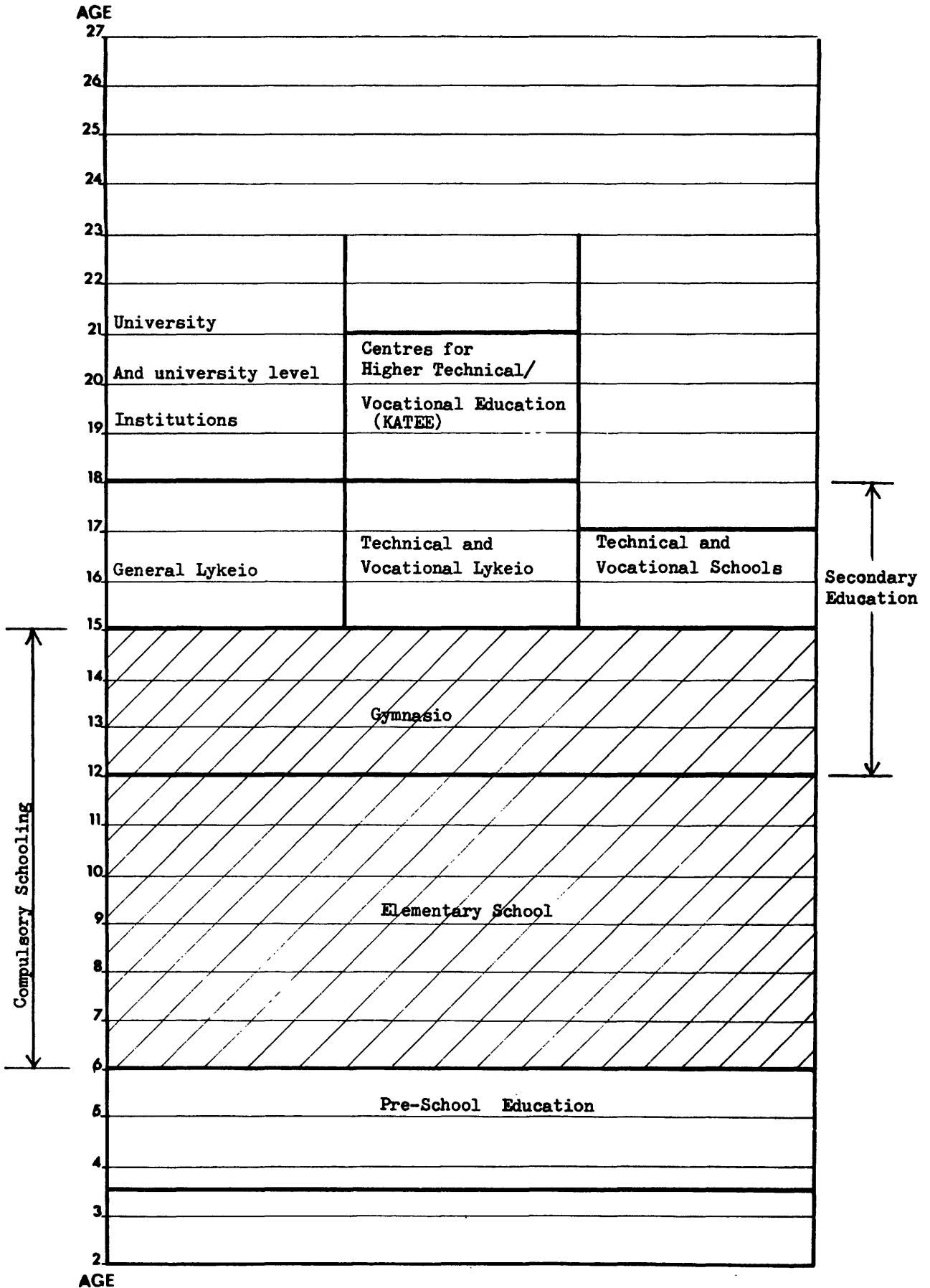
These schools allow pupils who do not want to go on to tertiary education to opt for courses which will allow them to gain knowledge and skills which will be useful to them in future employment.

Centres for higher technical and vocational education (KATEE)

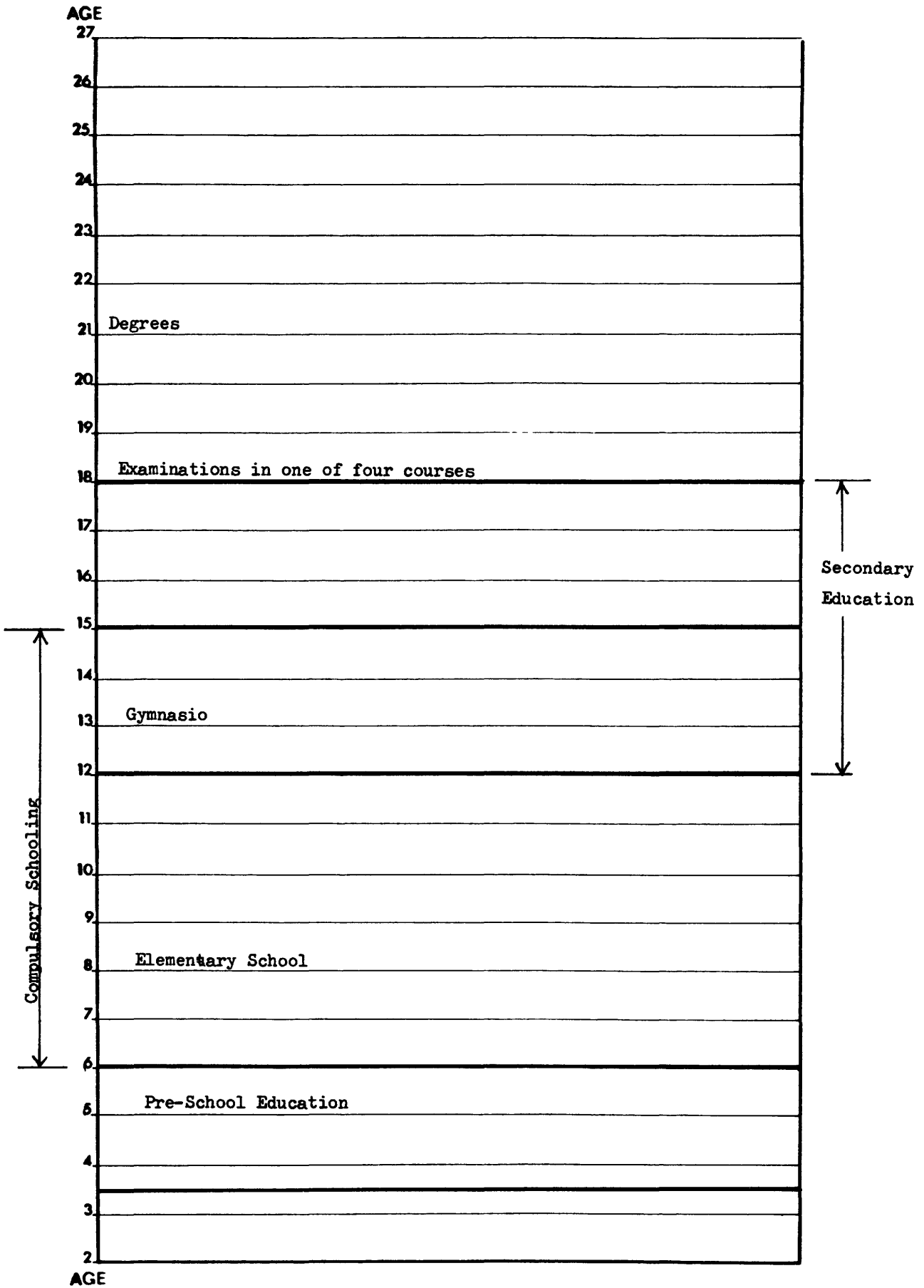
These are similar to polytechnics.

Pupils usually go to here from the technical and vocational lykeio although depending on the courses followed in the last year of school pupils may also be accepted from the general lykeio.

GREECE - education system



GREECE - examination system



THE REPUBLIC OF IRELAND

The present Irish education system may be divided into the areas listed below.

- 1 Primary education
- 2 Junior and senior level secondary education
- 3 University education
- 4 Non university higher education.

Notes on some of the above items.

Junior and Senior level secondary education

a Secondary schools

These are private institutions but the Department of Education gives considerable financial assistance through grants in respect of each eligible pupil and the payment of over 90% of the salaries of the staff of the schools. After three years pupils may sit the Intermediate Certificate Examination and after a further two years may sit the Leaving Certificate Examination which gives access to higher education.

b Vocational schools

In addition to providing the general secondary education programme these schools make available specialised technical training for particular trades or professions as well as evening courses for adults in a very wide variety of subjects. After two years pupils may sit the Group Certificate Examination. After three years and five years secondary education they may also sit the Intermediate Certificate Examination and the Leaving Certificate Examination as at the secondary schools.

c Comprehensive schools

These schools combine academic and vocational subjects in a wide curriculum and provide continuing education and vocational guidance for all pupils in their areas. Pupils may sit the same examinations as at the vocational schools.

d Community schools

These are a comparatively recent feature of the Irish education system. Their aim is to provide comprehensive second-level educational facilities in one school for all the children of an area (as in the case of comprehensive schools) and also to make these facilities available for adult education and community development activity.

e Regional technical colleges

These colleges provide senior level secondary education courses with the emphasis on technical subjects. In addition there are courses for technicians, part-time and adult secondary and higher education courses for the education of apprentices to various trades. Courses of university degree standard may also be offered in certain technological disciplines.

Non University Higher Education

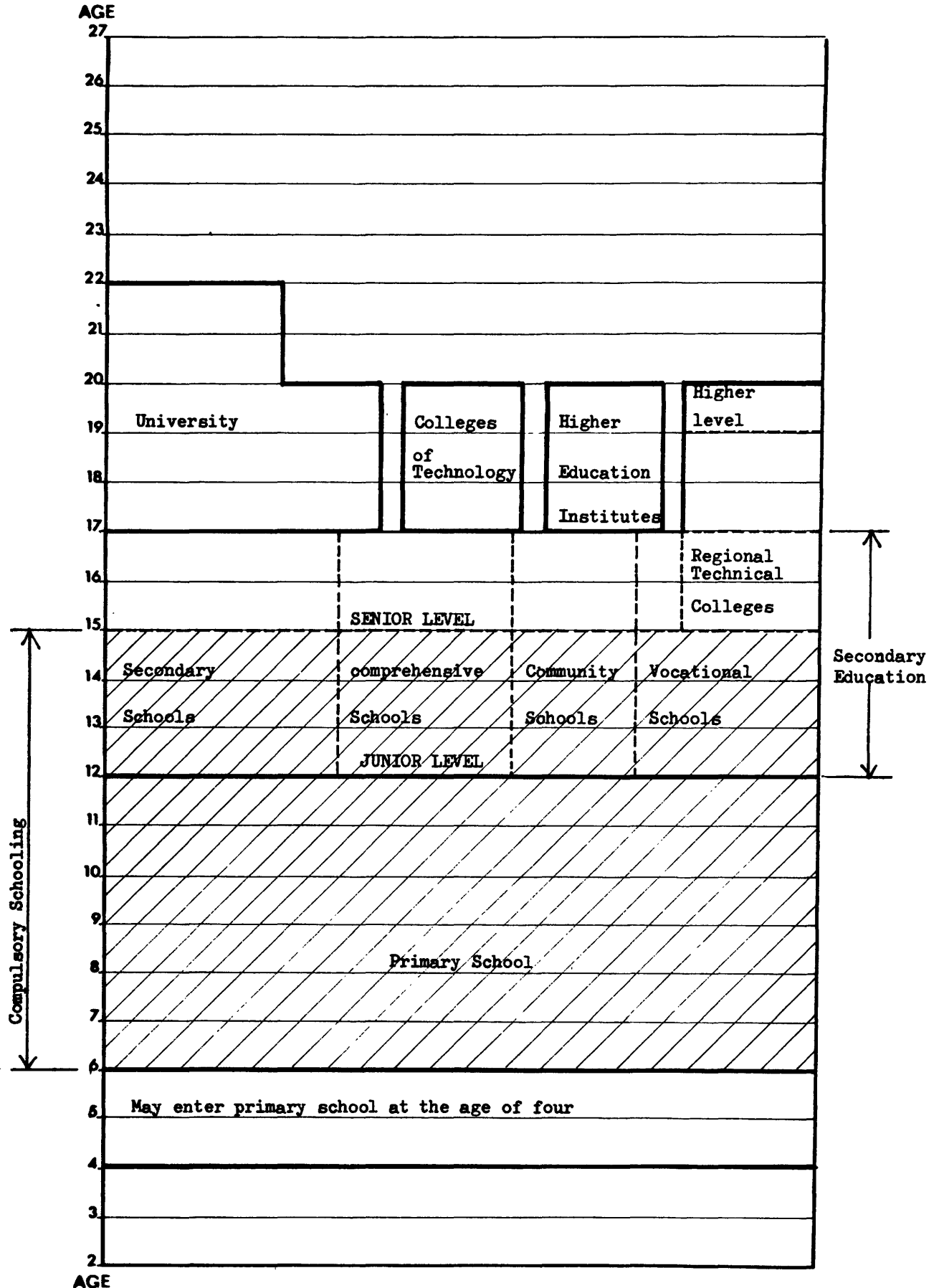
a Higher Education Institutes

These institutions are orientated towards technology, applied science and business and offer programmes leading to the award of certificates, diplomas and degrees approved by the National Council for Education Awards (NCEA).

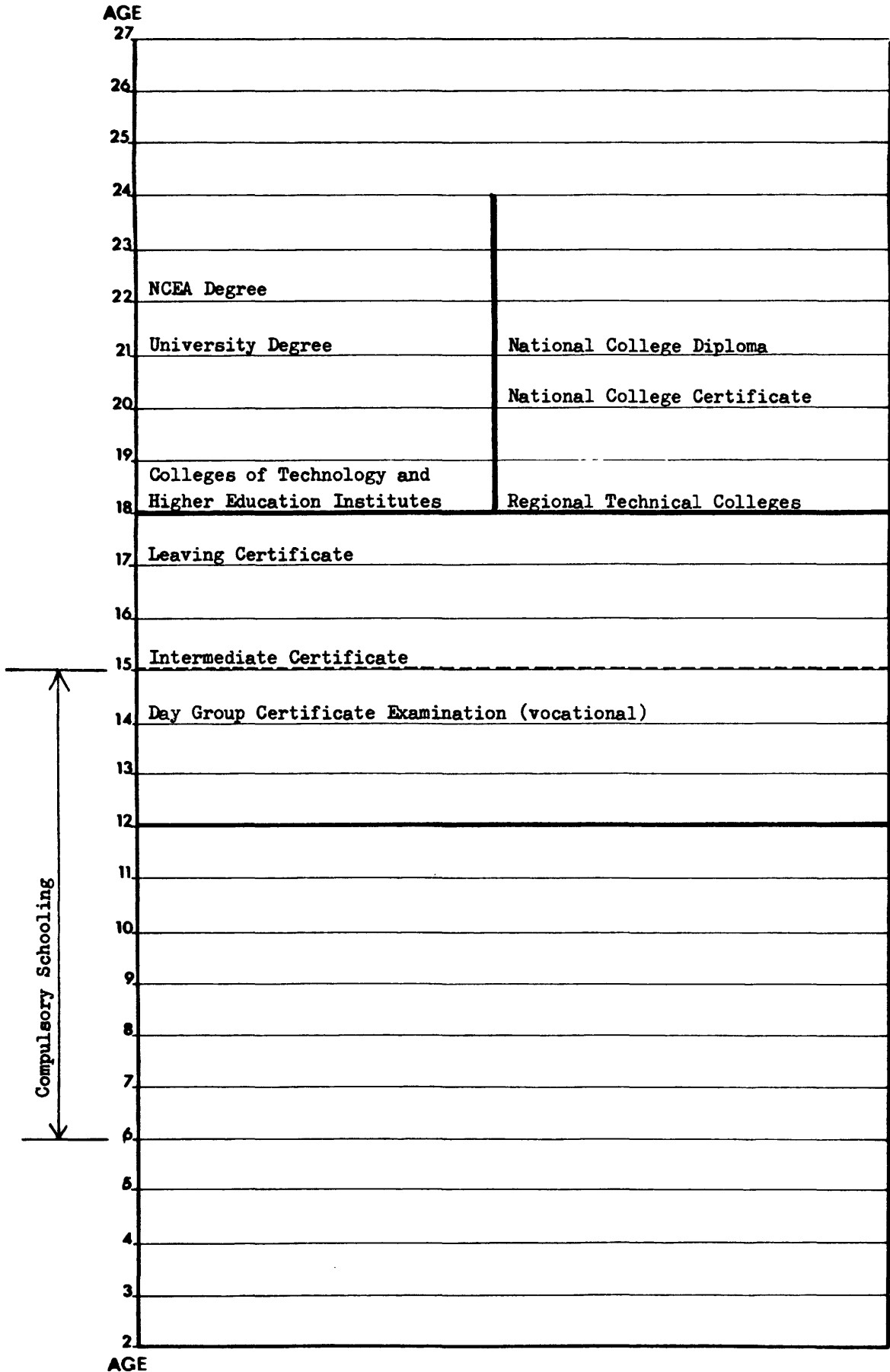
b Colleges of Technology

These form part of the vocational education system and provide further education courses in technical and technological disciplines.

REPUBLIC of IRELAND - education system



REPUBLIC of IRELAND - examination system



ITALY

The Italian education system may be divided into the areas listed below.

- 1 Nursery education
- 2 Primary education
- 3 Intermediate education
- 4 Secondary education
- 5 Higher education.

Notes on some of the above items.

Secondary education

Education for 14-19 year olds is neither obligatory nor free.

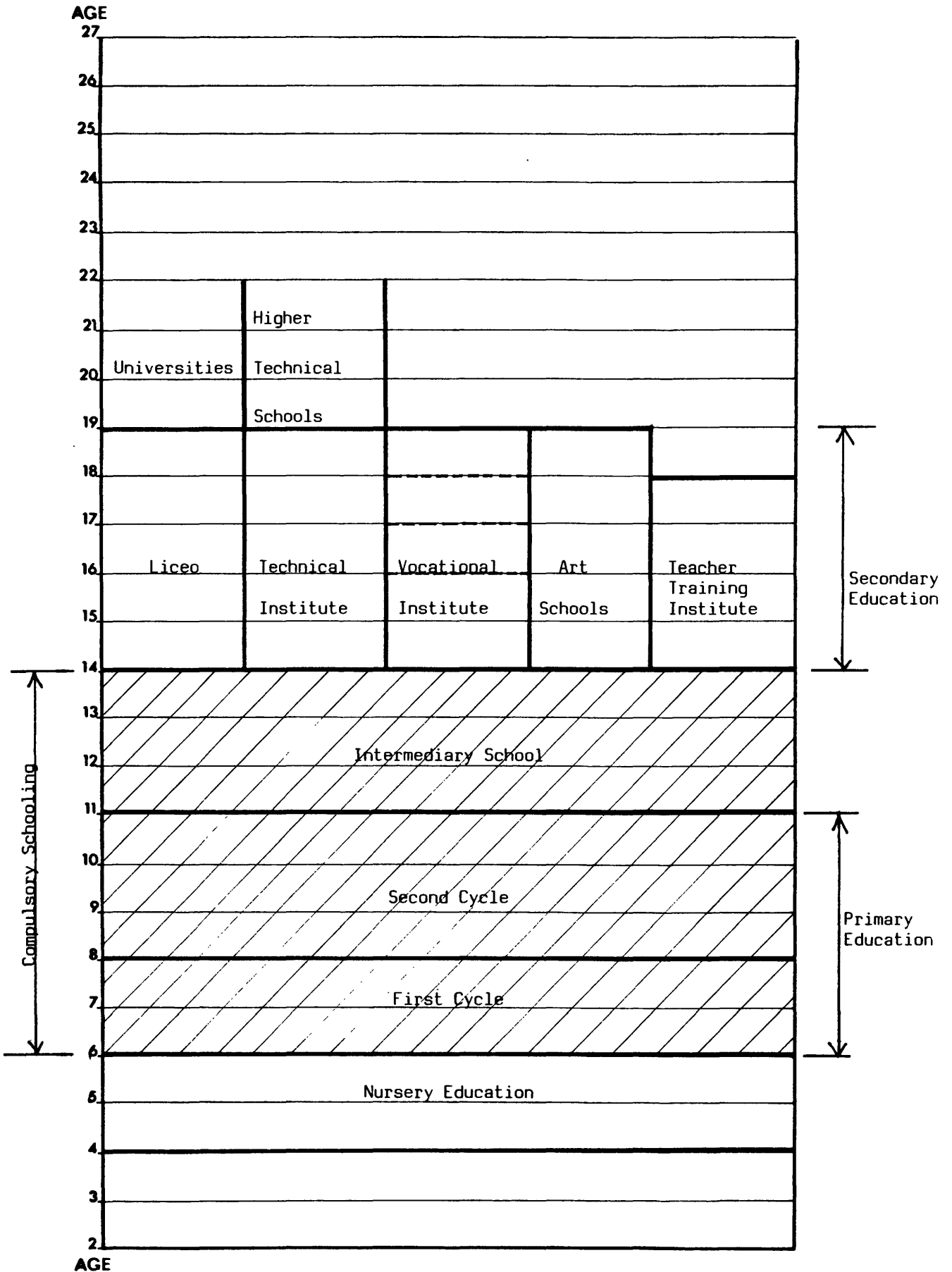
There are five kinds of schools.

- a Grammar schools (liceo)
- b Teacher training institutes
- c Technical institutes
- d Vocational institutes
- e Art schools.

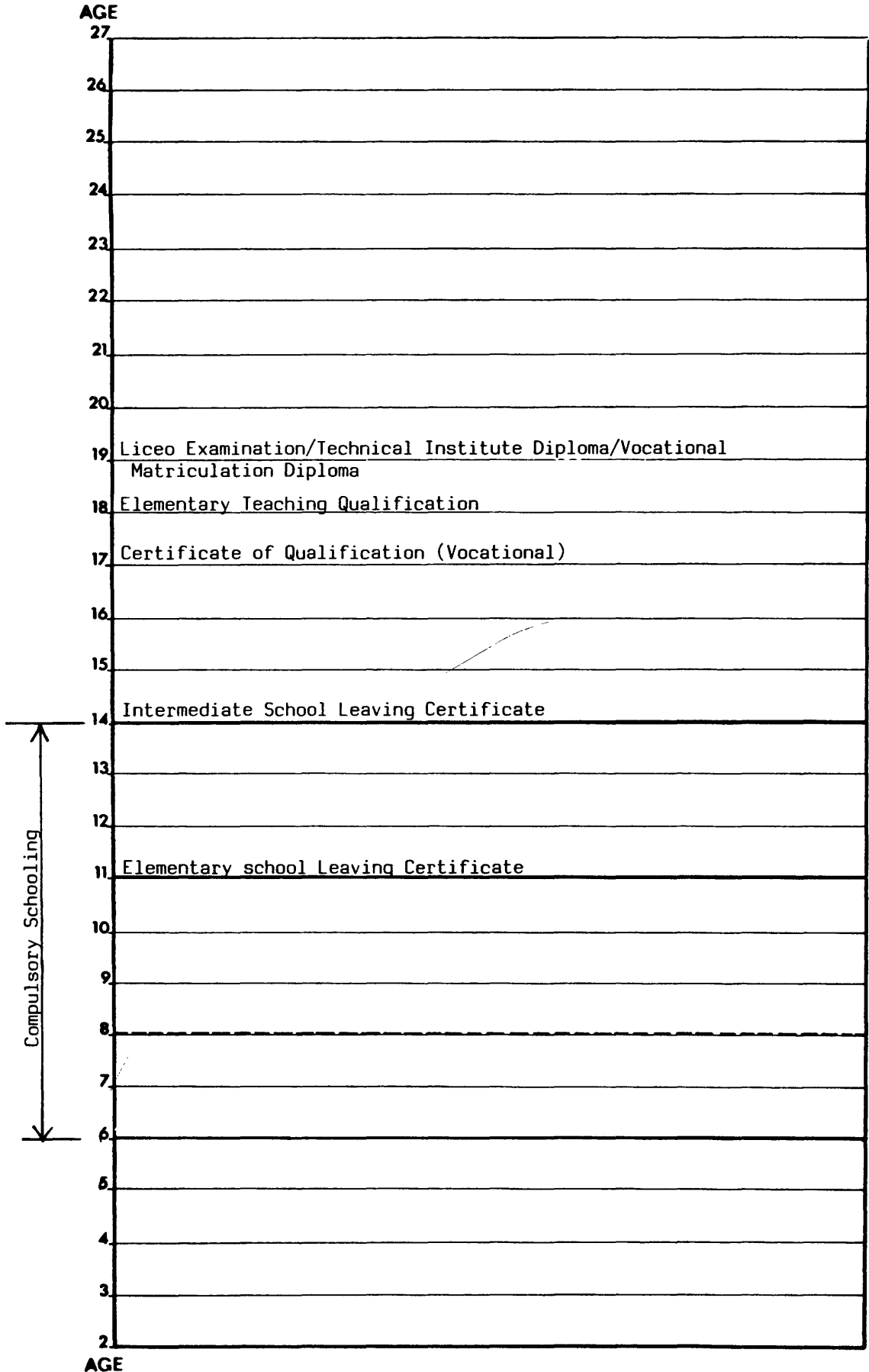
The diplomas awarded at the end of the courses offered by all these schools give access to selected university and other higher education courses.

Pupils may attend courses at the Vocational Institute without having gained the Intermediate School Leaving Certificate.

ITALY - education system



ITALY - examination system



LUXEMBOURG

The present Luxembourg education system may be divided into the areas listed below.

- 1 Pre-primary education
- 2 Primary school
- 3 Complementary school
- 4 Technical secondary school
- 5 Secondary school - higher level
- 6 Cours universitaires
- 7 Non university higher education.

Notes on some of the above items.

Pre-primary education

Although children may attend a nursery school from the age of four, nursery education is compulsory for children between the ages of five and six.

Complementary school

This is a three year school for those pupils who do not have the ability to continue their studies at a technical secondary school or a higher level secondary school. On completing the three year course pupils are awarded the Certificate of Completion of Compulsory Schooling and able pupils may transfer to the technical secondary school.

Technical secondary school

At the age of 12 children passing the necessary entrance examination may attend a technical secondary school. This type of school has two cycles: an intermediate cycle and an upper cycle. The intermediate cycle offers technical and professional courses. The technical courses include artisan and industrial training, paramedical and social work courses, administrative and commercial courses, agricultural courses, hotel and catering courses. The professional courses are more orientated towards apprenticeships. The upper cycle consists of an administrative division, training for higher general technicians and specialised technicians. On completing three years at a technical secondary school pupils are awarded the Certificate of Completion of Compulsory Schooling. Certificates awarded by this type of school include the Certificate of Vocational and Technical Proficiency (CATP), the Certificate of Manual Proficiency (CCM), the Certificate of Vocational Proficiency (CAP) and at a higher level the Secondary Technical Completion Certificate and the Diploma of Technician which give access to higher technical education.

Higher level secondary school

At the age of 12 pupils may sit the entrance examination to the higher level secondary school which prepares pupils for university studies. The school is divided into two units lasting three years and four years. The secondary education completion certificate may be taken in one of five groups and this certificate gives access to university:

- Group A1 Latin - languages
- Group A2 Modern languages
- Group B Latin - science and modern languages - science (mathematics)
- Group C Latin - science and modern languages - science (natural science)
- Group D Latin - science and modern languages - science (economics).

Cours universitaires

This university centre only offers first year university courses. It has three departments: law and economics; arts and humanities; science. The curriculum is adapted to the syllabus requirements of neighbouring countries. Successful students are awarded the Certificat d'Etudes Littéraires et de Sciences Humaines (Certificate in Literary Studies and Humanities) or the Certificat d'Etudes Scientifiques (Certificate in Scientific Studies). With this diploma students may enter any second year university course in France, Austria, Italy and Belgium and at certain universities in West Germany. They may also be admitted to the first year of the three year BA course in Great Britain.

Non university higher education

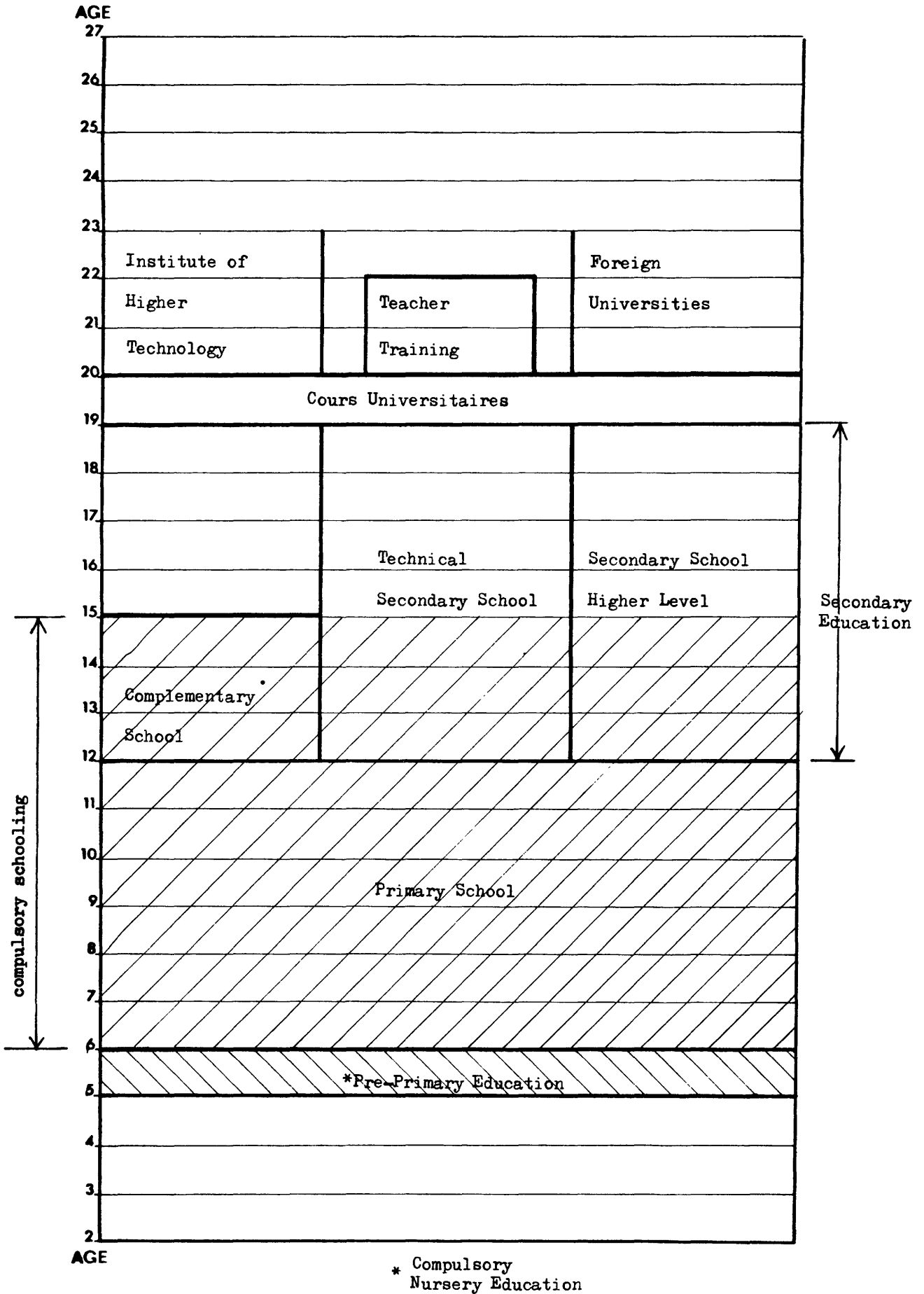
Institute of higher technology (IST)

This has departments in mechanics, electrotechnology and civil engineering. Courses last three years and holders of the diploma awarded by the IST are recognised as qualified technical engineers.

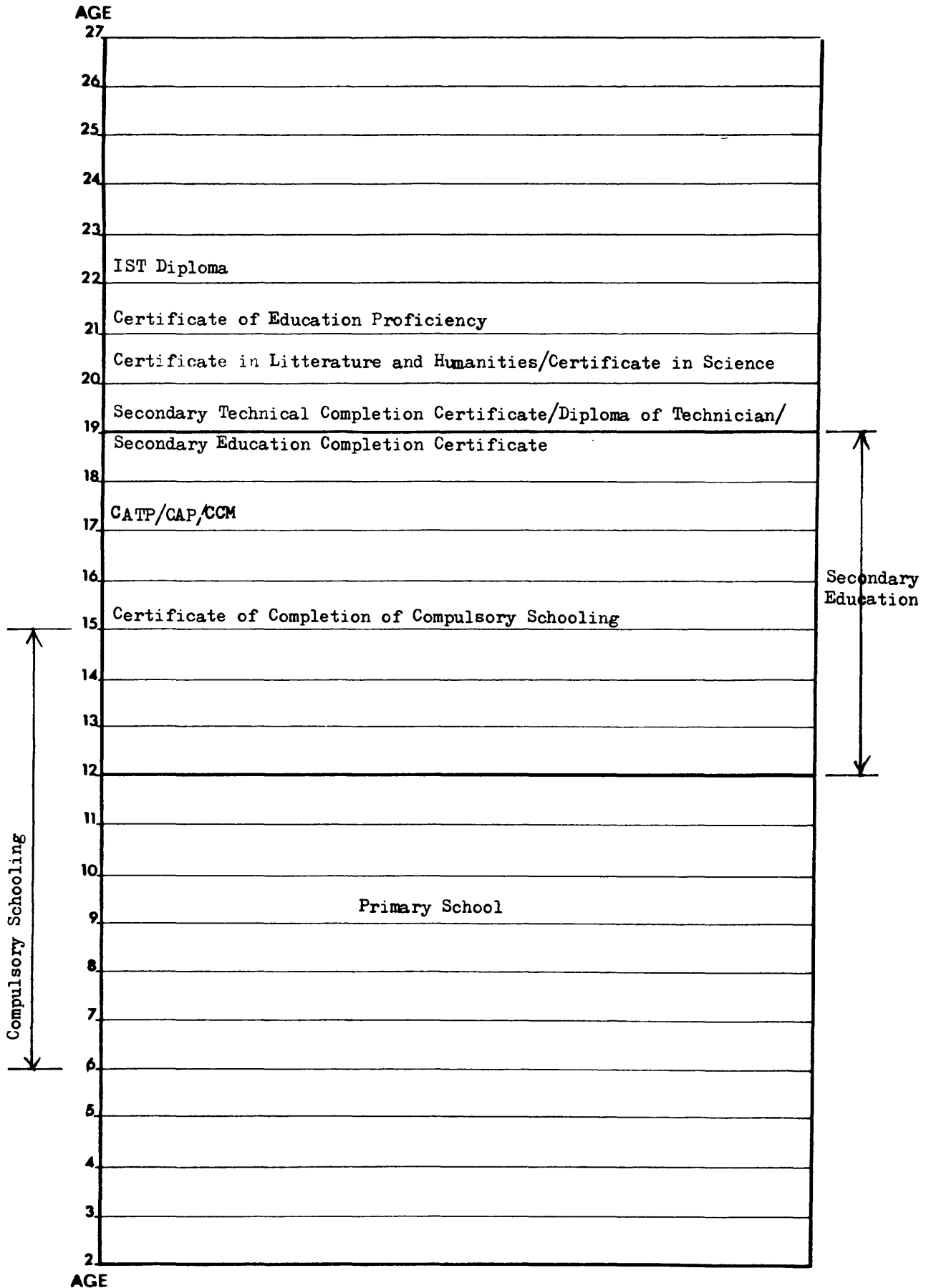
Teacher training institute

The teacher training institute offers a two year course leading to the Certificate of Educational Proficiency for primary and nursery teachers.

LUXEMBOURG - education system



LUXEMBOURG - examination system



THE NETHERLANDS

The present Dutch education system may be divided into the areas listed below.

- 1 Pre-school education
- 2 Primary education
- 3 Vocational education (b.o.)
- 4 General secondary education (a.v.o.)
- 5 Pre-university education (v.w.o.)
- 6 Further and Higher education.

Notes on some of the above items.

Vocational education

This is divided into junior secondary and senior secondary vocational education and higher vocational education. The first two years of the junior secondary vocational course incorporate the same general subjects as the two year elementary secondary education course (l.a.v.o.).

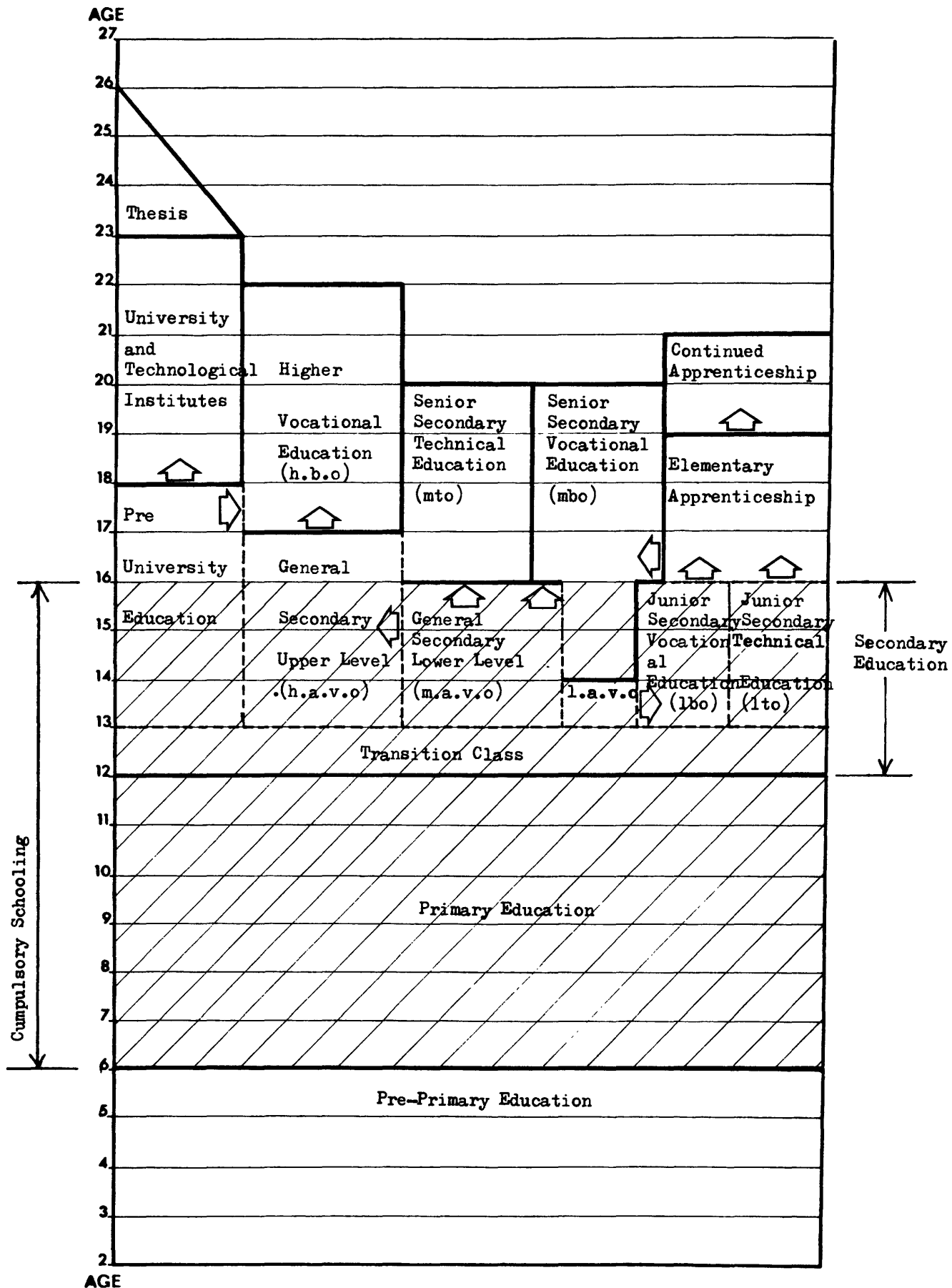
General secondary education

This is divided into two levels. The lower level (m.a.v.o.) is a four year course whereas the upper level (h.a.v.o.) is a five year course. The h.a.v.o. leaving certificate gives access to higher vocational education (h.b.o.).

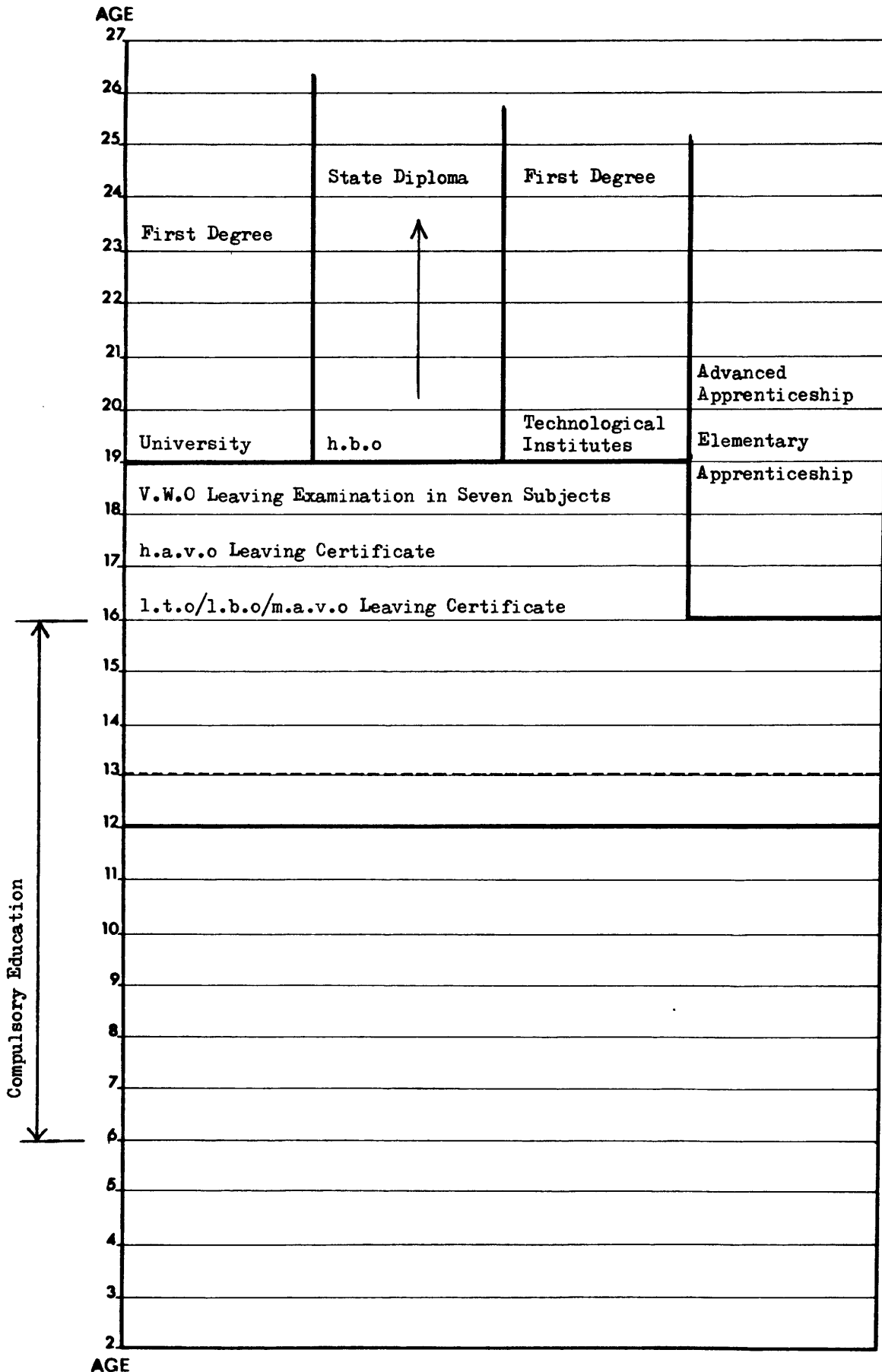
Pre-university education

To gain admission to the pre-university course pupils must demonstrate their ability in the courses for which they are applying by sitting an entrance examination, attending special classes, taking a psychological test or by an overall appraisal of their work in the final year of primary school.

The NETHERLANDS - education system



The NETHERLANDS - examination system



UNITED KINGDOM:
ENGLAND, WALES AND NORTHERN IRELAND

The education system in England, Wales and Northern Ireland may be divided into the areas listed below.

- 1 Primary school: infant and junior departments
- 2 Secondary school
- 3 Colleges of Further Education
- 4 Polytechnics
- 5 Universities.

Notes on some of the above items.

Secondary schools

The comprehensive school is the most common type of secondary school. These may be all-through schools catering for 11-18 year olds or two-tier schools with pupils attending one school until the age of 14 and then transferring to another until the age of 16 or 18. Other comprehensive schools cater for 11-16 year olds and pupils who wish to continue their education go on to a sixth form college.

Alternatively school children may be segregated at the age of 11 into grammar or modern schools according to their ability.

Middle schools also exist in some areas. These usually cater for children between the ages of 8 and 12 or 10 and 14 years.

Examinations

Pupils may sit the General Certificate of Education (GCE) Ordinary (O) level and the General Certificate of Education (GCE) Advanced(A) level in as many or as few subjects as they wish. The highest grade (1) of the Certificate of Secondary Education (CSE), which may also be taken in various subjects, is accepted as equivalent to the standard of the GCE O-level.

From 1988 onwards the GCE O-level and CSE examinations will be replaced by a new single system of examinations to be known as the General Certificate of Secondary Education (GCSE).

A-level certificates (usually two or three) are the standard entry requirements for university and other higher education courses and for many forms of professional training.

A Special (S) Paper may also be taken in a maximum of two subjects.

Colleges of Further Education

These provide various courses for young people over the age of 16. Courses may be full-time or part-time.

The Business and Technician Educational Council (BTEC) offers courses at technician or equivalent level for students in industry, commerce and public administration.

The City and Guilds of London Institute (CGLI) awards qualifications in a wide range of craft skills.

The Royal Society of Arts (RSA) awards qualifications in commercial and office practice.

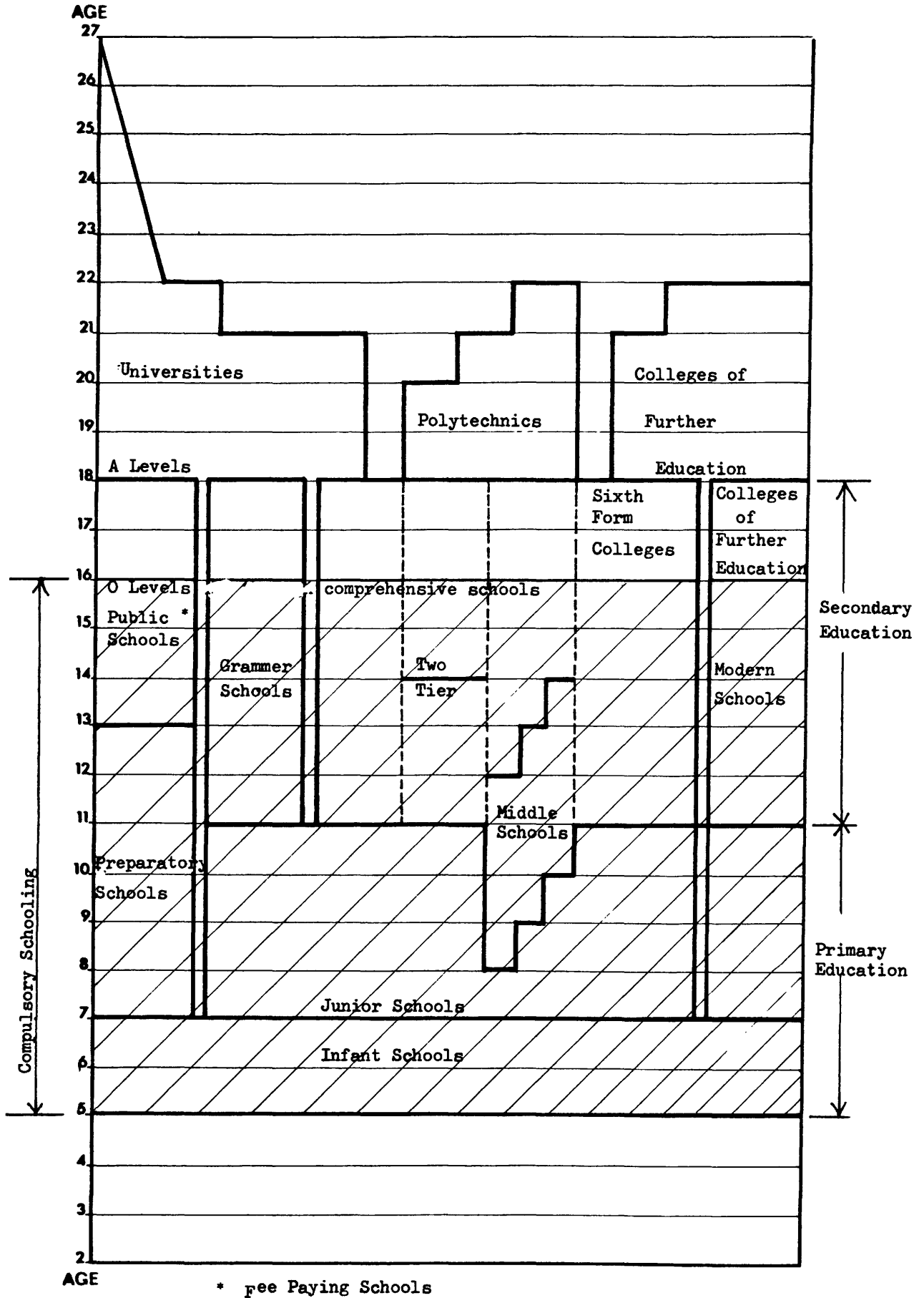
Polytechnics

Polytechnics have close links with commerce and industry and many students have jobs and attend on a part-time basis. As well as Higher National Certificate/Diploma courses, they also offer university level courses leading to degrees awarded by the Council for National Academic Awards (CNAA).

Open University

This is a non-residential university which provides part-time degree and other courses, using a combination of television and radio broadcasts, correspondence texts and summer schools together with a network of viewing and listening courses. No formal academic qualifications are required to register for these courses.

ENGLAND, WALES and N'r'n IRELAND education system



ENGLAND, WALES and N'r'n Ireland examination system

AGE		
27		
26	Universities and Polytechnics	
25		Colleges of further education
24		Royal Society of Arts (RSA)
23	Doctorate	City and Guilds of London Institute (CGLI)
22	Master's Degree M.A. MSc	BTEC Higher National Certificate/ Diploma
21	University Degrees BA/BSc	BTEC National Certificate/Diploma
20	CNAA Degrees	BTEC General Certificate/Diploma
19	Open University Degrees	in Business Studies
18	General Certificate of Education	(GCE) Advanced Level (A)/Special (S) Paper
17	General Certificate of Education (GCE) Ordinary(O) Level	
16	Certificate of Secondary Education (CSE)	
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Compulsory Schooling

UNITED KINGDOM:
SCOTLAND

The Scottish education system may be divided into the areas listed below.

- 1 Primary schools
- 2 Comprehensive schools
- 3 Colleges of Further Education
- 4 Central Institutions
- 5 Universities.

Notes on some of the above items.

Comprehensive schools

These offer secondary education for all children between the age of 12 and 17 or 18.

In Scotland pupils may sit the Scottish Certificate of Education (SCE) Ordinary (O) Grade in the subjects of their choice. From 1986 onwards it will be possible to sit the SCE 'O' grade at three levels according to ability: Foundation, General or Credit. Following on from the SCE 'O' grade, pupils may sit the Higher grade. University entrance is usually five Highers. Having completed Highers, pupils who want to continue their studies in particular subjects may study for the Certificate of Sixth Year Studies (CSYS).

Colleges of Further Education

These provide full-time and part-time courses for anyone over the age of 16.

The Scottish Business Education Council and the Scottish Technical Education Council are to merge to form the Scottish Vocational Education Council (SCOTVEC) which will award the new National Certificate which is replacing the former General Certificate/Diploma in Business Studies and National Certificate/Diploma awarded by SCOTEC and City and Guilds of London Institute awards.

The Higher National Certificate/Diploma will remain and will be awarded by the new SCOTVEC.

The Royal Society of Arts (RSA) awards qualifications in commercial and office practices.

Central Institutions

Central Institutions offer higher education courses equivalent to university level courses. Like the polytechnics in England, Wales and Northern Ireland they have close links with commerce and industry.

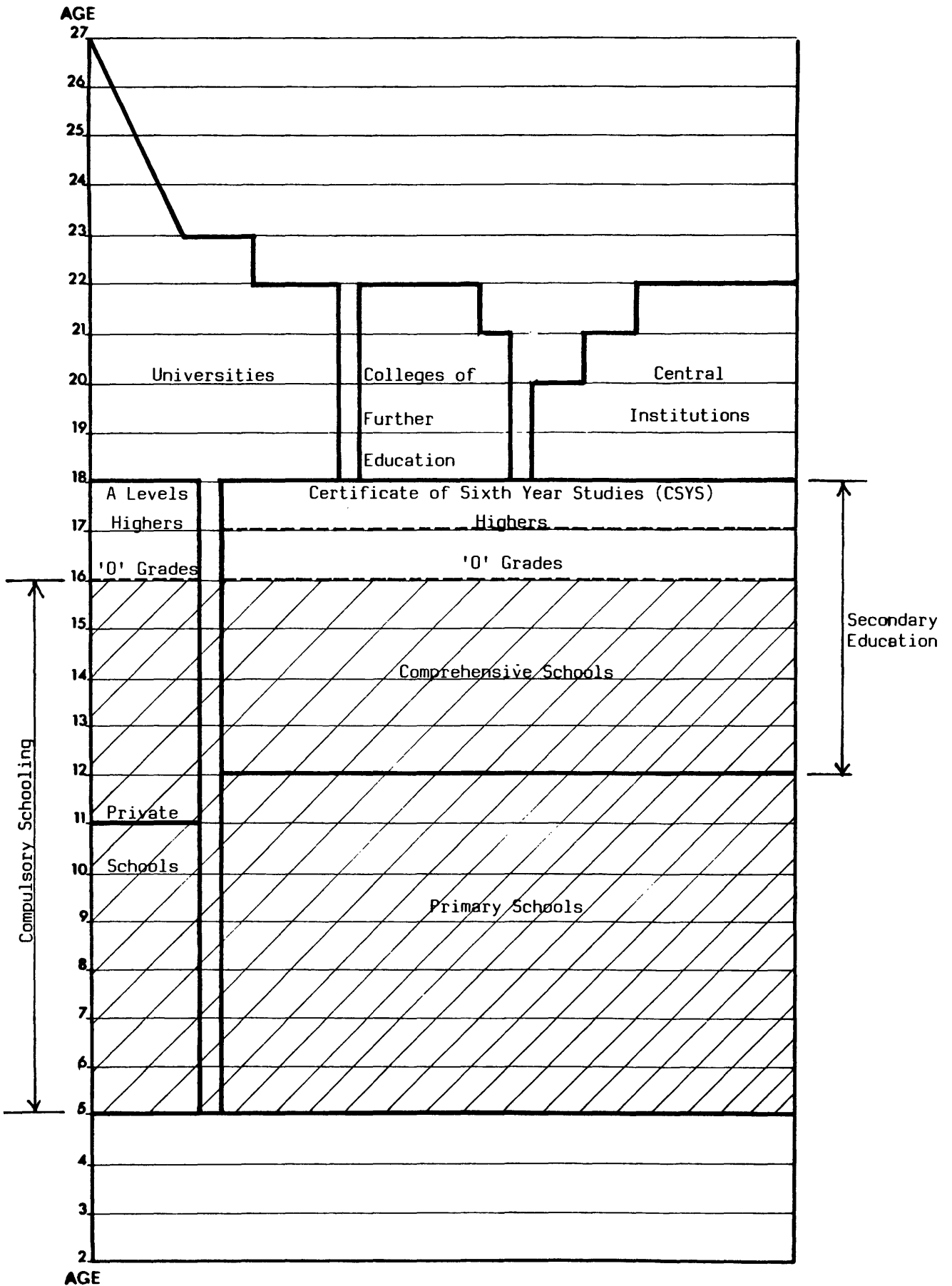
Proposed changes in the examination system

Plans for a limited revision of Scottish Higher grades and sixth year courses have been approved by the Scottish Secretary, Mr George Younger. The first new Higher examinations will be English and mathematics which will be available in 1987.

The new modular courses offered by the 16-18 Action Plan are to be taken into consideration as proposals have been made to merge the Scottish Examination Board (SEB) and the Scottish Vocational Education Council (SCOTVEC) leading to the award of a single certificate replacing the Higher grade and National Certificate.

Awards for the post-Higher examination will be fixed no higher than the present Certificate of Sixth Year Studies award but will represent a progression from the Higher grade.

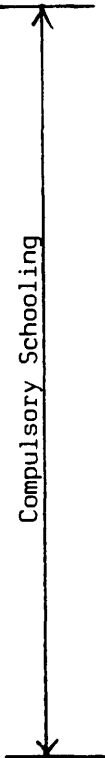
SCOTLAND - education system



SCOTLAND - examination system

AGE		
27	Universities and Central Institutions	Further Education Colleges
26		
25		
24		
23		
22	Doctorate Phd	
21	Master's Degree MA/MSc	Royal Society of Arts (RSA)
20	First Degrees BA/BSc	Scotvec Higher National Certificate/Diploma
19	Open University Degrees	Scotvec National Certificate
18	Certificate of Sixth Year Studies (CSYS)	
17	Scottish Certificate of Education (SCE) Higher Grade	
16	Scottish Certificate of Education (SCE) Ordinary (O) Grade	
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Compulsory Schooling



AGE

A Comparison of Training Requirements

The comparability of vocational training qualifications is essential to the free movement of labour. The EEC's most recent attempt to tackle this immense task is the Proposal for a Council Decision on the Comparability of Vocational Training Qualifications between Member States of the European Community (Doc 1-815/83 - COM(83) 482 final) presented by the Commission to the Council. This Proposal has not yet been voted on by the Council but a report drawn up on behalf of the Committee on Social Affairs and Employment (Document 1-1357/83) on this proposal met with the approval of the European Parliament in February 1984. Hence this matter will probably be considered by the Council soon.

Given the recognition that this Proposal has received, it seems appropriate to examine training for the paramedical professions in accordance with the contents. This should facilitate comparison between the training and education requirements for different health care professions in the Member Countries. The following table indicates approximate training levels for each profession corresponding to those levels set out in the Commissions' Proposal to the Council. However, as this Proposal has not yet been approved by the Council it must be emphasised that the levels indicated represent our evaluation of the training requirements. We would not wish to undermine or pre-empt in any way the very valuable work of the Commission in this field but it is hoped that this table will be a useful guide to the comparability of training until further work on this subject can be undertaken.

Proposal for a
Council Decision
on the comparability of vocational training qualifications
between the Member States of the European Community
(presented by the Commission to the Council)

Structure of Training Levels

LEVEL 1 - Training giving access to this level: Compulsory education and introductory vocational training

This training is acquired either at a school, or through training schemes not connected with schooling, or on the job. The amount of theoretical knowledge and practical skills required is very limited.

This qualification, which is aimed at relatively simple work, can be acquired in a fairly short time.

LEVEL 2 - Training giving access to this level: Compulsory education and vocational training (including apprenticeship)

At this level a full qualification is obtained for a clearly defined activity, with the ability to use the relevant tools and techniques.

This activity mainly involves practical work, which can be carried out without supervision, at least in respect of those techniques which have been learnt.

LEVEL 3 - Training giving access to this level: Compulsory education and EITHER vocational training and additional technical training and qualification OR school or other technical training at secondary level

This involves more technical knowledge than the preceding level. This level involves mainly practical work which may be carried out without supervision, and/or which includes other responsibilities such as planning and coordination.

LEVEL 4 - Training giving access to this level: Secondary education (general or vocational) and post-secondary technical training

This is technical training at a high level acquired either in schools or elsewhere. The qualification acquired as a result of this training includes knowledge and abilities which belong to a higher level but does not generally demand a mastery of scientific principles in the various fields concerned.

These skills and knowledge permit in particular the assumption in a generally autonomous or independent manner of responsibility for conceptual planning and/or administration and/or management.

LEVEL 5 - Training giving access to this level: Secondary education (general or vocational) and full higher education and/or professional training

This generally enables its recipient to exercise a professional activity, whether salaried or self-employed, independently and implies mastery of the scientific bases of the profession.

LIST OF HEALTH CARE PROFESSIONS IN THE EEC AND TRAINING LEVELS

	PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
1	Ambulance First Aid Technician/Ambulanceman Ambulancier Rettungssanitäter	1	1		1	1		1	1		
2	Anaesthetists' Assistant Infirmier-anesthésiste Anästhesist Assistent									4	
3	Art Therapist/Creative Therapist Ergothérapeute Artistique Kunsttherapeut		5			5				5	
4	Assistant Medical Analytical Chemist Assistant de Laboratoire en Chimie Technischer Assistent in der Medizin (Labor)									3	
5	Audiologist Audiologiste Audiologe	4						5		4	
6	Audiometrician/Audiology Technician Audiométriste Audiométrist			2		3		3	2	3	3
7	Auxiliary Child Care Worker/Nursery Nurse Auxiliaire de Puériculture Hilfskinderschwester				2	2				3	

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
8 Auxiliary Nurse/Hospital Assistant Nurse Aide-Soignante Krankenpflegehelferin	2	1	1	1				1		
9 Cardiac Catheterisation Technician Technicien en Cathétérisme Cardiaque Techniker für Herzkatheterisierung							4		4	
10 Child Care Worker Puériculteur Kinderkrankenschwester	3	3			Idem No 7		3		Idem No 7	
11 Child Psychotherapist Spécialiste en Psychothérapie pour Enfants Kinder-Psychotherapeut		5	5							
12 Chiropodist Pédicure Fusspflegerin	3		3	3	4		4		4	
13 Cleaner/Disinfecter Agent de Désinfection Desinfektor		1								
14 Clinical Psychologist Psychologue Klinische/Krankenhauspsychologe	5	5	5	5	5	5	5	5	5	5
15 Dental Auxiliary Assistante Dentaire Zahnarzhelferin		3			3				3	

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
16 Dental Hygienist Technicien d'Hygiène Buccale Zahnhygieniker			4		3				4	
17 Dental Surgery Assistant Assistant de Chirurgie Dentaire Assistent für Zahnchirurgie					2		2			
18 Dental Technician Technicien Dentiste Zahntechniker	3	3	3		3	3	3	3	3	3
19 Dietitian Diététicien Diätassistent										
20 Doctor's Assistant Médecin Assistant Arzthelferin										
21 Engineer for Medical Technique/Medical Engineering Specialist/Medical Technique Engineer/Engineer for Technical Hygiene Ingénieur Biomédical Medizintechnik Ingenieur	4/5	4	5	5	5	4	5	5	4	3
22 Environmental Health Officer/Engineer for Environ- mental and Hygiene Protection/Sanitary Engineer/ Health Inspector Inspecteur d'Hygiène Sozialmedizinischer Assistent		5			5		4		4	
21 Engineer for Medical Technique/Medical Engineering Specialist/Medical Technique Engineer/Engineer for Technical Hygiene Ingénieur Biomédical Medizintechnik Ingenieur		5	5							5

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
23 Hospital Chaplain Aumônier de l'Hôpital Krankenhausseelsorger	5								5	
24 Medical Analytical Chemist Chimiste Médical Arzt für Labormedizin oder klinischer Chemiker									4	
25 Medical Artist Dessinateur en Anatomie Kunsttherapeut		Idem No 3			5				Idem No 3	3

PROFESSION/HERRUF	B	D	DK	F	GB	GR	IRL	L	NL	I
26 Medical Laboratory Scientific Officer/Medical Laboratory Technician/Medical Laboratory Technologist/Laboratory Technician Technicien Laboratoire/Adjoint Technique Laboratoire/Laborantin Medizinisch-technischer Laboratoriumsassistent - Biomedical Technician Assistant de Laboratoire en Biologie Médicale/Technicien Biomédical Biomedizinischer Techniker - Cytology Technician Assistant de Cytologie Cytologuesassistent - Medical Technicians Techniciens Médical Medizin-techniker - Medical Technical Assistant Assistant Technique Médical Technischer Assistent in der Medizin (Labor) - Pathology Laboratory Assistant Assistant de Laboratoire en Pathologie Assistent Laboratorium der Pathologie - Medical Technical Surgical Assistant Instrumentiste unbekannt in der BRD	4	3	4	4/5	4/5	4	4	4/5	4	
27 Medical Photographer Photographe Médical Medizinischer Fotograf					3				3	
28 Medical Physios Technician Techniciens de Physique Médicale Physikologisch-technischer Assistent					3					

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	ML	I
29 Medical Secretary Secrétaire Médicale Arztsekretärin	4	2	3		3				3	
30 Medical Social Worker/Psychiatric Social Worker Assistant Social Medical ou Psychiatrique Sozialarbeiter/Sozialarbeiter (in der Psychiatrie)		5	5		5	4	5	Idem No 46	4	4
31 Music Therapist Thérapeute Musical Musiktherapeut		5							4	
32 Non-Medical Health Practitioner/Non-Medical Practitioner Officier de Santé Heilpraktiker		4								
33 Occupational Educationalist/Therapeutic Educationalist Éducateur Spécialisé/Psychopédagogue Heilpädagoge		4/5	2	5				5	Idem No 34	
34 Occupational Therapist Ergothérapeute Beschäftigungs- und Arbeitstherapeut	4	4	4	3	4	4	4	5	4	
35 Optician Opticien Optiker - Ophthalmic Spécialisé en Ophthalmologie Unterteilung nicht bekannt in der BRD - Dispensing Opticien agréé	3	3	3	3		4		3	3	

	PROFESSION/BERUF	B	D	DK	F	GB	GR	IFL	L	NL	I
36	Orthoptist Orthoptiste Orthoptist		4		5	4		4		4	3
37	Pharmaceutical Assistant/Technician Assistant de Pharmacie Pharmaceutischer Assistent/Apothekenhelfer	3	3	3			3			3	
38	Pharmaceutical Biological Technician Technicien Biologiste de Pharmacie Pharmazeutisch-Technischer Assistent	5	3								
39	Physiological Measurement Technician Technicien " " Techniker für Audiologie - Audiology en Audiologie Audiologie - Cardiology en Cardiologie - Neurophysiology en Neurophysiologie Neurophysiologie - Respiratory en Fonctions Respiratoires Lungenfunktionsdiagnostik - Physiology/					3				3	
						3				4	3
						3				4	3
						3				4	

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
- Physiologie en Physiologie - Psychologie Assistant en Psychologie Psychologie					3					
40 Physiotherapist Masseur-Kinésithérapeute/Physiothérapeute Physiotherapeut - Masseur Masseur Masseur - Masseur and Hydro-Therapist Masseur-Hydrothérapeute Masseur und medizinischer Bademeister	4/5	4 2 2	4	4	4	4	5	5 2 2	4	4
41 Post-Mortem Room Technician/Medical Assistant for Autopsy/Autopsy, Dissection and Pathology Laboratory Technician Agent d'Amphithéâtre Medizinischer Sektions- und Präparationsassistent		2	2		3		3			
42 Prosthetist/Orthotist Prothésiste Orthopédie-Mechaniker	2	4			5		5		4	
43 Psychotherapist Psychothérapeute Medizinischer Psychotherapeut	Idem No 14	5						Idem No 14	5	

PROFESSION/BERUF	B	D	DK	F	GB	GR	IRL	L	NL	I
44 Radiographer Manipulateur Radio Medizinisch-technischer Radiologiestudent		3	4	4	4	4	4	3/4	4	4
45 Remedial Gymnast Kinesithérapeute Krankengymnast	Idem No 40	4		Idem No 40	4			Idem No 40		
46 Social Therapist Socio-thérapeute Soziotherapeut									4	
47 Speech Therapist Logopède Logopæde/Sprachtherapeut	4/5	4		5	5		5	5	4	
48 Surgical Operation Assistant Assistant Technique Médical de Chirurgie Krankenschwester/Krankenpfleger für den Operationsdienst					3				Idem No 2	
49 Trussmaker Bandagiste Bandagist	2	2								

REFERENCES

The EEC Hospital Committee wishes to acknowledge the following publication which served as an invaluable source of reference in the compilation of this report. The diagrams illustrating the education systems in the Member States were adapted from diagrams which appeared in this work and have been amended and up-dated as required.

ELVIN, L. The Educational Systems in The European Community: A Guide. c1981 ECSC, EEC, EAEC, Brussels and Luxembourg. NFER Nelson, Windsor.

Other references

Britain 1984 An Official Handbook; Her Majesty's Stationery Office. London, 1984.

Academic recognition of diplomas in the European Community. Present state and prospects. Commission of the European Communities. 1979, Education Series No 10; Brussels: August 1977.

J P de CRAYENCOUR. The Professions in the European Community. Towards freedom and mutual recognition of qualifications. Luxembourg: Office for Official Publications of the European Communities, 1982.

Hospitals in the EEC: organisation and terminology. The Hospital Committee of the European Economic Community and Gyldendal publishers. Denmark, 1978.

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