Appendix 3

Numerical Code List

010 Basic / broad, general programmes

Basic programmes

Broad, general programmes

General programmes with no special subject emphasis

080 Literacy and numeracy

Basic remedial programmes for adults

Functional literacy

Literacy

Numeracy

Simple literacy

090 Personal skills

Argumentation technique

Assertiveness

Co-operation

Communication skills

Development of behavioural capacities

Development of mental skills

Development of personal organisational

capacities

Enhancing personal skills

Family life development training

Job-seeking programmes

Life orientation programmes

Personal career planning

Personal development

Positive thinking

Presentation technique

Public speaking

Self esteem skills

Self-confidence

Social competence

Teamwork

Time management

140 Teacher training and education science (broad programmes)

Education technology

Practical pedagogical courses

Teacher education

Teacher training

142 Education science

Curriculum development (theory)

Didactics

Distance education methodology

Education science

Educational assessment, testing and

measurement

Educational evaluation and research

Pedagogical sciences (education)

143 Training for pre-school teachers

Early childhood teaching

Pre-primary teacher training

144 Training for teachers at basic levels

Class teacher training

Elementary teacher education

Home language teacher training

Primary teaching

Special education teaching

145 Training for teachers with specialisation

in general subjects

Secondary teaching

Special subject teaching

Teacher training, theoretical subjects

146 Training for teachers of vocational subjects

Driver and safety teacher education

Driving instructor training

Flight instructor training

Nursing teacher training

Physical education teacher training

Post-school teacher training

Teacher training in arts and crafts

Teacher training in commercial subjects

Teacher training in music

Teacher training in nursing

Teacher training in technical subjects

Teacher training, physical training

Teacher training, vocational subjects

Technical teaching

Training of instructors in companies etc.

Training of trainers

Vocational teacher training

210 Arts (broad programmes)

Arts (broad programmes)

Arts and craft (broad programmes)

211 Fine arts

Aesthetics

Art history

Art studies

Art theory

Calligraphy

Drawing (artistic)

Etching (artistic)

Fine art printmaking

History of art

Lithography
Painting (art)
Philosophy of art

Sculpture Sketching (art)

212 Music and performing arts

Acting and directing

Choreography

Circus

Composition (music) Conducting (music)

Dance

Directing (theatre)

Drama Elocution

Fashion modelling History of music

History of film and theatre

Music

Music and the stage Performing arts Theatre

213 Audio-visual techniques and media production

Animation

Binding and finishing (printing)

Bookbinding Camera operating Cinematography Compositing (printing)

Composition equipment operating

Computer graphics
Computer type-setting
Desktop publishing
Discjockey training
Film and TV editing
Film production
Graphic design
Graphic reproduction

Illustration

Lay-out

Media techniques Multimedia production Photo developing Photography Printing

Printing machining Publishing design

Radio and TV production Recorded music production

Screen printing
Silk screen printing
Sound and vision
Sound technique
Type-setting

214 Design

Costume design

Design

Design of industrial products (artistic)

Fashion design

Industrial design (artistic) Interior architecture Interior decorating Interior design Stage designing

Three dimensional design

Window dressing

215 Craft skills

Ceramics (craft)

Conservation of cultural material

Craft programmes

Crafts, folk arts and artisanry Decorative metal crafts Embroidery (craft)

Fibre, textile and weaving arts Floristry (flower arranging)

Glass arts and craft Goldsmithing Handicrafts Jewellery design

Jewellery making (craft) Lapidary and jewellery

Making of musical instruments (not industrial) Musical instruments (repairing and tuning)

Needle craft Picture framing Silversmithing Stone carving (craft) Weaving (craft) Woodcarving

220 Humanities (broad programmes)

Humanities

221 Religion

Religion

Religious history Religious studies Sacred books, study of

222 Foreign languages

Interpretation programmes

Languages, dead Languages, foreign

Linguistics, foreign languages

Second languages

Semantics, foreign languages Translation programmes

223 Mother tongue

Creative writing Home language Language maintenance Languages, native

Linguistics, native language Mother tongue programmes Philology (native language)

Semantics, native language

Sign language

Speech and rhetorical studies (native language)

225 History and archaeology

Archaeology

Comparative literature

Cultural history

History

History and philosophy of science and

technology

History of science and ideas

Literature history

Medieval and renaissance studies

Museology

226 Philosophy and ethics

Ethics Logic Morals

Philosophy

310 Social and behavioural science

(broad programmes)

Behavioural sciences

Social sciences

311 Psychology

Conversational therapy

Development and child psychology

Psychoanalysis Psychology Psychotherapy

312 Sociology and cultural studies

Criminology

Cultural geography Cultural studies

Demography/population studies

Ethnology
Futurology
Gender studies
Geography (social)
Human geography
Regional cultures
Social anthropology
Social conflict theory
Social geography
Sociology

313 Political science and civics

Women studies

Civics

Human rights

International relations
Peace and conflict studies

Political history Political science

Politics

314 Economics

Econometrics Economic history

Economics

International economics

Macro economics

National accounts Political economy

321 Journalism and reporting

Broadcast journalism

Communication, mass- (wording and content)

Information (wording and content)

Journalism

Mass communication (wording and content)

News reporting

Publishing (dissemination of messages)

322 Library, information, archive

Archival sciences
Documentation
Information science
Information searching
Librarianship training
Library programmes
Museum documentation

340 Business and administration

(broad programmes)

Business and administration Business programmes, broad

Business studies (broad programmes)

Economics, business

341 Wholesale and retail sales

Auctioneering
Buying and selling
Consumer services
Dairy retailing

Demonstration techniques

Property sales Purchasing

Purchasing, procurement and contracts

Real-estate business

Retailing

Sales representatives Stock-keeping Telephone selling Ware-housing Wholesaling

342 Marketing and advertising

Advertising
Market research
Marketing
Merchandising
Public relations
Sales and marketing

343 Finance, banking, insurance

Bank teller programmes Banking and finance Business finance Finance theory

Finance, banking, insurance Financial management

Insurance

Investment analysis
Investments and securities

Pension insurance Social insurance

Stock-broking

344 Accounting and taxation

Accounting
Auditing
Bookkeeping
Tax accounting

345 Management and administration

Administration Business administration Educational management Employment management

Enterprise training

Human resources management Local public administration Logistic management Management of education Management science Management skills

Organisational theory and behaviour

Performance appraisal Personnel administration Personnel management Public administration

Office management

Public and institution management

Quality management

Recruitment

Start your own business-courses

Training management

346 Secretarial and office work

Administrative and secretarial services

Business correspondence Clerical programmes Court reporting Data entry

Foreign language secretary programmes

Information processing/data entry

Keyboard skills

Legal secretary programmes Management support services Medical secretary programmes

Office automation

Operation of office machines

Receptionist training Secretarial programmes

Shorthand Stenography

Switchboard operating

Typing

347 Working life

Clients' needs Company knowledge Industrial relations

Introductory courses at work

Organisation at work

Quality assurance

Trade union courses (general)

Work development Working life

380 Law

Commercial law Criminal justice studies

History of law Jurisprudence Labour law

Law

Legal practice Legal studies

Biochemistry

Notary/Notary's practise Para-legal studies

421 Biology and biochemistry

Biology
Biometrics
Biophysics
Botany
Entomology
Genetics
Life sciences
Limnology
Microbiology
Molecular biology
Ornithology

Ornithology Parasitology Pharmacology Toxicology Virology Zoology

422 Environmental science

Ecology

Environmental science

440 Physical science (broad programmes)

Physical programmes (broad programmes)

441 Physics

Acoustics Astronomy Astrophysics Nuclear physics

Optics Physics

Planetary sciences Space science

442 Chemistry

Analytical chemistry

Chemistry

Organic chemistry

Petrology

Polymer chemistry

443 Earth science

Atmospheric sciences

Earth science Geodesy Geography (nature) Geography (physical)

Geology
Geophysics
Geoscience
Hydrogeology
Hydrology
Marine science
Meteorology

Mineralogy Ocean life sciences Oceanography Palaeontology Seismology Vulcanology

461 Mathematics

Algebra

Applied mathematics
Data analysis (mathematics)

Geometry Mathematics Numerical analysis Operations research

462 Statistics

Actuarial science

Mathematical (theoretical) statistics

Probability theory Statistics, applied Survey design Survey sampling

481 Computer science

Computer programming Computer science

Computer system analysis Computer system design Informatics (computer science)

Network administration Operating systems Programming (computer)

Programming languages (Visual Basic, C++

etc.)

Software localisation Software testing

482 Computer use

Computer software use

Computer use

Internet use programmes

Software for calculating (spreadsheets)

Software for data processing Software for desktop publishing Software for word processing

520 Engineering and engineering trades

(broad programmes)

Engineering

Engineering industry programmes

Maintenance engineering Materials technology Quality control (technical)

521 Mechanics and metal work

Bicycle production Bicycle repair

Boilermaking and welding

Gunsmith Hydraulics

Locksmith and safe repairer
Mechanical engineering
Mechanical trades programmes
Metal casting and patternmaking
Metal fitting, turning and machining

Metal trades programmes Metallurgical engineering Metallurgical technology

Micromechanics
Precision mechanics
Sheetmetal working
Steel production
Tool and die making
Watchmaking
Welding

522 Electricity and energy

Air-conditioning programmes

Climate engineering

Electrical appliances repairing

Electrical engineering Electrical fitting

Electrical power generation Electrical trades programmes

Energy programmes Energy studies Gas distribution

Heating trades programmes

Nuclear, hydraulic and thermal energy

Power production

Powerline installation and maintenance

Refrigeration programmes

Solar energy

523 Electronics and automation

Automation

Broadcasting electronics Communication systems

Communications equipment installation Communications equipment maintenance

Computer repairing Computer engineering Control engineering Data processing technology

Digital technology

Electronic data processing Electronic engineering

Electronic equipment servicing

Network technology

Robotics

Telecommunication technology Television and radio repairing

524 Chemical and process

Biochemical technologies Biotechnology engineering Chemical engineering

Chemical process engineering Laboratory assistant programmes Laboratory technician programmes

Laboratory technology

Oil refining

Oil/gas/petrochemicals processing

Plant and machine operation (processing)

Process technology

525 Motor vehicles, ships and aircraft

Aeronautical engineering Aerospace engineering

Agriculture machinery mechanics

Air-craft engineering
Air-craft maintenance
Automotive electricity
Automotive engineering

Coachwork

Helicopter construction Marine construction Maritime engineering Motorbike mechanics Motorcycle engineering Naval engineering Panel beating Shipbuilding

Varnishers/sprayers

Vehicle and motor engineering

Vehicle building Vehicle diagnostics Vehicle electricity Vehicle mechanics Vehicle painting Vehicle repairing Vehicle trimming

540 Manufacturing and processing (broad

programmes

Manufacturing and processing (broad

programmes)

541 Food processing

Baking

Beer brewing

Brewing Butchering

Cheese production Confectionery

Dairy foods (industrial)

Dairy science Distilling

Food and drink processing Food handling/hygiene Food preparation Food preservation Food processing industry Food programmes Food science

Food science and technology

Food technique

Industrial bakery/flour production

Meat processing Pastry cooking Tobacco processing Wine production Wine science

Wine storing/maturing

542 Textiles, clothes, footwear, leather

Clothing industry

Clothing trades programmes

Clothing, apparel and textile working

Custom tailoring Cutting and tailoring Dressmaking

Embroidery and needlework (industrial)

Footwear making
Fur making
Furrier

Garment production Knitting (industrial) Leather goods maker Leather goods production Leather processing

Leather trades programmes

Pelt worker Saddlery

Sewing (industrial) Shoe production

Shoe, boot and leather repairing

Shoemaking

Skins and leather production

Soft furnishings
Spinning
Tailoring

Textile technique

Textile trades programmes Textiles, clothing and footwear

Upholstery

Weaving (industrial)
Wool science

543 Materials (wood, paper, plastic, glass)

Boat building (non-motor)

Cabinet making

Cane willow and bamboo work

Carpentry (not building) Ceramics (industrial) Furniture crafts Furniture making Glass production

Glass working (industrial)
Industrial diamond production
Paper manufacturing and processing

Plastic manufacturing Rubber processing Stone cutting

Synthetic fibre manufacturing

Timber technology

Wood machining and turning

Wood technology

Woodwork trades programmes Woodworking and carpentry

544 Mining and extraction

Coal mining

Mineral technology Mining engineering Mining technology Oil and gas extraction Quarry supervision Raw material extraction

581 Architecture and town planning

Architectural urban design and planning

Architecture Building design

Cartography/Land surveying

City planning

Community development Community planning Landscape architecture Rural development Structural architecture

Surveying Topography

Town and country planning Town and regional planning

Town planning Urban planning Urban studies

582 Building and civil engineering

Bricklaying

Brickwork and masonry Bridge construction Building construction Building engineering Building maintenance Building renovation Building technology

Carpentry and joinery (building)

Cement working Civil engineering

Constructing plant operation Construction technology Constructional engineering

Constructional metalwork (building)

Demolition

Insulation

Dock and harbour engineering

Drawing, technical Excavation engineering Floor and wall tiling Floor covering Glazing Irrigation and drainage (construction)

Joining and carpentry Mason and tile setting

Masonry

Painting and wall covering

Pipe fitting

Plastering (building)

Plumbing

Quantity surveying Road building Roof fixing

Sanitation (building) Scaffolding work Stonemasonry

Structural engineering Technical drawing

Water supply and sewerage engineering Water technology and engineering

Ventilation (building)

620 Agriculture, forestry and fishery (broad programmes)

Agriculture, forestry and fishery (broad programmes)

621 Crop and livestock production

Agricultural business/agribusiness operations

Agricultural economics Agricultural sciences

Agriculture

Agronomy and crop science

Animal breeding Animal husbandry Animal training

Basic skills in agriculture

Crop husbandry Dog breeding

Farm and ranch management

Farm maintenance

Farming
Fruit growing
Fruit production
Goose keeping
Grain growing
Horse breeding
Horse husbandry
Irrigation techniques
Olive growing
Orchards construction

Pig farming
Poultry husbandry
Race horse care

Rye and wheat growing

Sheep farming

Soil and water technician programmes

Soil fertility Soil science

Vegetable plantation Wine growing Vineyard construction

Viticulture

622 Horticulture

Floriculture Gardening

Greenhouse operations

Greenkeeping

Horticultural technique

Horticulture

Landscape gardening Maintaining sports turf

Nursery management (horticulture) Production of ornamental plants Sports grounds maintenance

Turf cultivation Turf management

623 Forestry

Forest keeping

Forest product techniques

Forest ranging Forestry

Hunting and trapping

624 Fisheries

Deep sea fishing Fish breeding Fish farms Fish husbandry

Fishery

Fishery science and technology

Mariculture Shellfish breeding

640 Veterinary

Animal health care

Animal reproduction (science)

Veterinary assisting Veterinary medicine Veterinary science

720 Health (broad programmes)

Health (broad programmes)
Public health programmes

721 Medicine

Anaesthesiology

Anatomy

Audiology/hearing sciences

Bacteriology Cardiology Cytology Dermatology Epidemiology Forensic medicine General medicine Gerontology

Gynaecology Haematology Histology

Homeopathic medicine

Immunology

Internal medicine Medical science Medical training

Medicine

Naturopathic medicine

Neurology

Obstetrics and gynaecology

Oncology
Ophthalmic
Ophthalmology
Paediatrics
Pathology
Physiology
Plastic surgery

Preventive and social medicine

Psychiatry Stomatology Surgery

Training of doctors Training of physicians

723 Nursing and caring

Assistant nursing
Basic nursing
Care of old people
Care of the disabled
Community nursing

Elder care

Gerontological services Health care programmes Hygiene, medical Infant hygiene (nursing)

Midwifery

Mothercraft nursing

Nursing

Nursing aide/Orderly Psychiatric nursing

724 Dental studies

Clinical dentistry Dental assisting Dental hygiene

Dental laboratory technology

Dental nursing Dental science Dental surgery Dental technology

Dentistry Odontology Orthodontics

725 Medical diagnostic and treatment technology

Ambulance service Ambulance technology Auditory prosthetics

Emergency para-medical technologies

Forensic medicine technology Hearing aid technology Medical laboratory technology

Medical technology

Nuclear medicine technologies

Optical lens making
Optical prosthetics/lenses

Optical prosthetics/lenses
Optical technology

Orthopaedic prosthetics
Prosthetic technology

Radiography

Radiology technology

Radiotherapy

X-ray technology (medical)

726 Therapy and rehabilitation

Chiropractic

Dietician programmes Massage (medical) Mental health services Nutrition/dietetics Nutrition and dietetics Occupational therapy

Optometry Osteopathy Physiotherapy Reflexology Rehabilitation

Speech pathology and therapy Vocational rehabilitation

727 Pharmacy

Dispensing pharmacy

Pharmacy

761 Child care and youth services

Child care

Children recreation programmes Youth recreation programmes

Youth services

Youth worker programmes

762 Social work and counselling

Alcohol and drug abuse counselling

Alcohol, tobacco, drugs (knowledge about)

Career advising Counselling Crisis support

Family and marriage counselling Maltreatment (knowledge about) Mobbing (knowledge about)

Social care Social policy Social practice

Social theory (applied) Social work (welfare) Vocational counselling Vocational guidance

810 Personal services (broad programmes)

Personal services (broad programmes)

811 Hotel, restaurant and catering

Bar service

Bartender/mixologist

Catering

Cooking (restaurant and hotel-type)

Culinary arts

Food and hospitality services

Food serving Hospitality services Hotel receptionist training

Hotel services

Hotel- and restaurant programmes Hotel/motel and restaurant services

Waiting and bar service

812 Travel, tourism and leisure

Ground crew training (airport)

Guiding, tour leading Leisure and tourism Recreation and leisure Recreation management

Tourism

Tourist trades programmes Travel agency services Travel and tourism Travel services

813 Sports

Bookmaking (horses etc)

Diving (sport) Football playing Gymnastics Jockeying

Physical training (sports)

Sport leadership Sport trainer training

Sports

Sports coaching

Sports instructor training

Umpires and other sports officials

814 Domestic services

Caretaking, housekeeping, homeservice

Chimney sweeping

Cleaning

Consumer economics Cooking (home) Custodian/caretaker Domestic science Dry-cleaning

Funeral services and mortuary science

Home economics

Laundry

Needlework (home) Sewing (home)

815 Hair and beauty services

Barbering
Beauty therapy
Cosmetic services
Cosmetology

Fitness and weight control

Fitness services Hairdressing Make-up Manicure Massage (beauty)

Pedicure

Salon services (beauty therapy)

Wig making

840 Transport services

Air crew programmes (flying and navigation)

Air traffic control Aircraft operation

Aviation

Bus and coach driving Cabin crew training

Communication (air, railway, road etc.)

programmes Crane driving

Driving programmes Flying and navigation Fork-lift driving

Mail operations Nautical science

Navigation technologies

Postal service Railway operations

Road motor vehicle operations

Seamanship

Seamen's programmes

Ship operation

Stewardess/steward training (air)

Transport programmes

Truck driving

850 Environmental protection

(broad programmes)

Environmental conservation Environmental protection Environmental studies

Natural resource use programmes Natural resources conservation Soil and water conservation

851 Environmental control and technology

Air pollution control Ecological technology Environmental control

Environmental protection technology

Industrial discharge control Noise pollution control

Recycling

Water pollution control

852 Natural environments and wildlife

Conservation and land management National parks and wildlife management Nature conservation Wildlife management Wildlife ranger studies

853 Community sanitation services

Garbage disposal
Hygiene, community
Hygienic standards
Refuse collection
Refuse/sewage disposal
Sanitation, community

Street cleaning

Water supply (service)

860 Security services (broad programmes)

Security services (broad programmes)

861 Protection of persons and property

Civil security

Customs programmes Diving (professional) Fire technology

Fire-protection (fire fighting)

Law enforcement Life guarding Police work Policing studies Prison work Public security

Security and loss prevention services

Security guarding

862 Occupational health and safety

Ergonomics (occupational health and safety)

Health and safety in the work place

Industrial welfare

Job safety

Labour protection Labour security Labour welfare (safety)

Occupational health and industrial hygiene

Occupational health and safety

Stress at work Work environment

863 Military and defence

Army training Defence studies Military science National security War theory