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
- Women studies

313 Political science and civics
- 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
Office management
Organisational theory and behaviour
Performance appraisal
Personnel administration
Personnel management
Public administration
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
Notary/Notary’s practise
Para-legal studies

421 Biology and biochemistry
Biochemistry
Botany
Biophysics
Botany
Entomology
Genetics
Life sciences
Limbology
Microbiology
Molecular biology
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
Paleontology
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

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
- Dock and harbour engineering
- Drawing, technical
- Excavation engineering
- Floor and wall tiling
- Floor covering
- Glazing
- Insulation
- 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 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)

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