

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
 - Biology
 - Biometrics
 - Biophysics
 - Botany
 - Entomology
 - Genetics
 - Life sciences
 - Limnology
 - 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
 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
 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)
 - 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