



International Labour Organization
Organisation internationale du Travail
Organización Internacional del Trabajo

*Updating the
International Standard Classification of Occupations (ISCO)*

*Draft ISCO-08 Group Definitions:
Occupations in Culture and recreation*

ISCO-08 Draft Definitions - Culture and recreation

Issues for resolution

1 Occupations specializing in the management, organization and retrieval of information, knowledge and records – but not with information technology.

‘Information scientist’ was listed in ISCO-88 2432, Librarians and related information professionals but not really covered in the definition. The term was used to refer to those who devise schemes for the storage, organization, structuring and retrieval of information, whether by electronic or other means, but is now understood to mean a specialist in information technology. The terms ‘knowledge manager’ ‘information manager’ and ‘informatician’ are now sometimes used in the original sense of information scientist. We are not keen to use these terms in ISCO definitions as their meaning is changing and unclear. The task: ‘devising and implementing schemes and conceptual models for the storage, organization, classification and retrieval of information’ has been added to cover this group and also covers an important task of senior librarians. Is this approach satisfactory?

‘Records manager’ has been included in 2621, Archivists and curators. Should ‘Health information manager’ also be included here, in 2622 as a ‘related information professional’ or somewhere else?

2 Media interviewers and talk show hosts: should they be classified in 2642, Journalists or in 2656, Announcers on radio, television and other media.

ISCO 08 Code**1431****Title EN****Sports, recreation and cultural centre managers****Lead Statement**

Sports, recreation and cultural centre managers plan, organize, and control the operations of establishments that provide sporting, artistic, theatrical and other recreational and amenity services.

Task statement

Tasks include:

- (a) planning and organizing the range and mix of entertainment, attractions, cultural activities, and sports and fitness programmes to be offered by the centre;
- (b) ensuring that facilities are kept clean and in good condition;
- (c) keeping abreast of new trends and developments in the creative arts and arranging theatrical productions and performances by bands and orchestras;
- (d) advising on the facilities available and promoting publicity in relation to events, shows and activities;
- (e) checking and keeping custody of all cash receipts and making regular stock checks;
- (f) establishing and managing budgets, controlling expenditure and ensuring the efficient use of resources;
- (g) planning and directing daily operations;
- (h) controlling the selection, supervision and performance of staff;
- (i) ensuring compliance with health and safety regulations.

Included occupations

Examples of the occupations classified here:

- Amusement/ theme park manager
- Billiards or pool hall manager
- Casino manager
- Cinema manager
- Leisure centre manager
- Riding school manager
- Sports centre manager
- Theatre manager

Excluded occupations

Some related occupations classified elsewhere:

Art gallery manager - 1349

Museum manager - 1349

Library manager - 1349

Notes**ISCO 88 Code(s)**

1319 part

ISCO 08 Code**262****Title EN****Librarians, archivists and curators****Lead Statement**

Librarians, archivists and curators develop and maintain the collections of archives, libraries, museums, art galleries, and similar establishments.

Task statement

Tasks performed usually include: appraising or developing and organizing the contents of archives and artefacts of historical, cultural and artistic interest, and ensuring their safe-keeping and preservation; organizing the collections of and exhibitions at museums, art galleries and similar establishments; developing and maintaining the systematic collection of recorded and published material and making it available to users in libraries and related institutions; preparing scholarly papers and reports; conducting research.

Included occupations

Occupations in this minor group are classified into the following unit groups:

2621 Archivists and curators

2622 Librarians and related information professionals

Excluded occupations**Notes****ISCO 88 Code(s)****243**

ISCO 08 Code**2621****Title EN****Archivists and curators****Lead Statement**

Archivists and curators collect, appraise and ensure the safekeeping and preservation of the contents of archives, artefacts and records of historical, cultural, administrative and artistic interest, and of art and other objects. They plan, devise and implement systems for the safekeeping of records and historically valuable documents

Task statement

Tasks include:

- (a) evaluating and preserving records for administrative, historical, legal, evidential and other purposes;
- (b) directing or carrying out the preparation of indexes, bibliographies, microfilm copies and other reference aids to the collected material and making them available to users;
- (c) researching the origin, distribution and use of materials and objects of cultural and historical interest;
- (d) organizing, developing and maintaining collections of artistic, cultural, scientific or historically significant items;
- (e) directing or undertaking classification and cataloguing of museum and art gallery collections and organizing exhibitions;
- (f) researching into, appraising, and developing, organizing and preserving historically significant and valuable documents such as government papers, private papers, photographs, maps, manuscripts audio-visual materials;
- (g) preparing scholarly papers and reports;
- (h) planning and implementing the computerized management of archives and electronic records;
- (i) organizing exhibitions at museums and art galleries, publicizing exhibits and arranging special displays for general, specialized or educational interest;
- (j) appraising and acquiring archival materials to build and develop an archival collection for research purposes.

Included occupations

Examples of the occupations classified here:

- Archivist
- Art gallery curator
- Museum curator
- Records manager
- Health information manager

Excluded occupations**Notes****ISCO 88 Code(s)**

2431

ISCO 08 Code**2622****Title EN****Librarians and related information professionals****Lead Statement**

Librarians and related information professionals collect, select, develop, organize and maintain library collections and other information repositories, organize and control other library services and provide information for users.

Task statement

Tasks include:

- (a) organizing, developing and maintaining a systematic collection of books, periodicals and other printed, audio-visually and digitally recorded material;
- (b) selecting and recommending acquisitions of books and other printed or audio-visually and digitally recorded material;
- (c) organizing, classifying and cataloguing library material;
- (d) managing library borrowing and inter-library loan facilities and information networks;
- (e) retrieving material and providing information to business and other users based on the collection itself or on library and information-network systems;
- (f) conducting research and analysing or modifying library and information services in accordance with changes in users' needs;
- (g) devising and implementing schemes and conceptual models for the storage, organization, classification and retrieval of information;
- (h) preparing scholarly papers and reports;
- (i) performing manual, on-line and interactive media reference searches, making interlibrary loans and performing other functions to assist users in accessing library materials.

Included occupations

Examples of the occupations classified here:

- Bibliographer
- Cataloguer
- Librarian

Excluded occupations**Notes****ISCO 88 Code(s)**

2432

ISCO 08 Code**264****Title EN****Authors, journalists and linguists****Lead Statement**

Authors, journalists and linguists conceive and create literary works, interpret and communicate news and public affairs through the media and translate or interpret from one language into another.

Task statement

Tasks performed usually include: writing literary works; appraising merits of literary and other works of art; collecting information about current affairs and writing about them; researching, investigating, interpreting and communicating news and public affairs through newspapers, television, radio and other media; translating written material from one language to another; simultaneously translating from one language to another.

Included occupations

Occupations in this minor group are classified into the following unit groups:

2641 Authors and related writers

2642 Journalists

2643 Translators, interpreters and other linguists

Excluded occupations**Notes****ISCO 88 Code(s)**

ISCO 08 Code**2641****Title EN****Authors and related writers****Lead Statement**

Authors and related writers plan, research and write books, scripts, storyboards, plays, essays, speeches, manuals, specifications and other non-journalistic articles (excluding material for newspapers, magazines and other periodicals) for publication or presentation.

Task statement

Tasks include:

- (a) conceiving, writing and editing novels, plays, scripts, poetry and other material for publication or presentation;
- (b) conducting research to establish factual content and to obtain other necessary information;
- (c) writing scripts and continuities and preparing programmes for stage, film, radio and television productions;
- (d) analyzing material, such as specifications, notes and drawings, and writing manuals, user guides and other documents to explain clearly and concisely the installation, operation and maintenance of software, electronic, mechanical and other equipment;
- (e) writing brochures, handbooks and similar technical publications;
- (f) selecting material for publication, checking style, grammar and accuracy of content, arranging for any necessary revisions and checks proof copies before printing.

Included occupations

Examples of the occupations classified here:

- Author
- Book editor
- Essayist
- Interactive media writer
- Novelist
- Playwright
- Poet
- Script writer
- Speech writer
- Technical writer
- Writer

Excluded occupations

- Journalist - 2642
- News paper editor- 2642
- Advertising copy writer – 2421
- Public relations copy writer - 2422

Notes**ISCO 88 Code(s)**

2451 (partially)

ISCO 08 Code**2642****Title EN****Journalists****Lead Statement**

Journalists research, investigate, interpret and communicate news and public affairs through newspapers, television, radio and other media.

Task statement

Tasks include:

- (a) collecting local, national and international news through interviews, investigation and observation, attending public events, seeking out records, reviewing written work, attending film and stage performances;
- (b) collecting, reporting and commenting on news and current affairs for publication in newspapers and periodicals, or for broadcasting by radio, television or webcast media;
- (c) receiving, analysing and verifying news and other copy for accuracy;
- (d) interviewing politicians and other public figures at press conferences and on other occasions, including individual interviews recorded for radio, television or webcast media;
- (e) researching and reporting on developments in specialized fields such as medicine, science and technology;
- (f) writing editorials and commentaries on topics of current interest to stimulate public interest and express the views of a publication or broadcasting station;
- (g) writing critical reviews of literary, musical and other artistic works based on knowledge, judgement and experience for newspapers, television, radio and other media;
- (h) selecting material for publication, checking style, grammar, accuracy and legality of content and arranging for any necessary revisions;
- (i) liaising with production staff in checking final proof copies immediately prior to printing;
- (j) selecting, assembling and preparing publicity material about business or other organizations for issue through press, radio, television and other media.

Included occupations

Examples of the occupations classified here:

- Journalist
- Copy editor
- News media interviewer
- Newspaper editor
- Newspaper reporter
- Sports writer
- Sub editor
- TV / radio news reporter,

Excluded occupations

- Public relations officer- 2432
- Book author - 2641
- Book editor – 2641
- Photo journalist - 3431
- Camera operator – 3521

Notes**ISCO 88 Code(s)**

2451 (partially)

ISCO 08 Code**2643****Title EN****Translators, interpreters and other linguists****Lead Statement**

Translators, interpreters and other linguists translate or interpret from one language into another and study the origin, development and structure of languages.

Task statement

Tasks include:

- (a) studying relationships between ancient parent languages and modern language groups, tracing the origin and evolution of words, grammar and language forms, and presenting findings;
- (b) advising on or preparing language classification systems, grammars, dictionaries and similar materials;
- (c) translating from one language into another and ensuring that the correct meaning of the original is retained, that legal, technical or scientific works are correctly rendered, and that the phraseology and terminology of the spirit and style of literary works are conveyed as far as possible;
- (d) developing methods for the use of computers and other instruments to improve productivity and quality of translation;
- (e) interpreting from a spoken or a signed language into another spoken or signed language , in particular at conferences, meetings and similar occasions, and ensuring that the correct meaning and, as far as possible, the spirit of the original are transmitted;
- (f) revising and correcting translated material.

Included occupations

Examples of the occupations classified here:

- Interpreter
- Lexicographer
- Philologist
- Sign language interpreter
- Subtitler
- Translator
- Translator-reviser

Excluded occupations

Some related occupations classified elsewhere:

- Author – 2641
- Book editor– 2641
- Journalist – 2462

Notes**ISCO 88 Code(s)**

2444

ISCO 08 Code**265****Title EN****Creative and performing artists****Lead Statement**

Creative and performing artists communicate ideas, impressions and facts in a wide range of media to achieve particular effects; interpret a composition such as a musical score or a script to perform or direct the performance; and host the presentation of such performance and other media events.

Task statement

Tasks performed usually include: conceiving and creating visual art forms; conceiving and writing original music; devising, directing, rehearsing and performing in music, dance, theatrical and film productions; assuming creative, financial and organizational responsibilities in the production of television programmes, films, and stage presentations; studying script, play or book and preparing and rehearsing interpretation; selecting and introducing music, videos and other entertainment material for broadcast and making commercial and public service announcements.

Included occupations

Occupations in this minor group are classified into the following unit groups:

2651 Visual artists

2652 Musicians, singers and composers

2653 Dancers and choreographers

2654 Film, stage and related directors and producers

2655 Actors

2656 Announcers on radio, television and other media

2659 Creative and performing artists not elsewhere classified

Excluded occupations**Notes****ISCO 88 Code(s)**

ISCO 08 Code**2651****Title EN****Visual artists****Lead Statement**

Visual artists create and execute works of art by sculpting, painting, drawing, creating cartoons, engraving or using other techniques.

Task statement

Tasks include –

- (a) conceiving and developing ideas, designs and styles for paintings, drawings and sculptures;
- (b) arranging objects, positioning models, and selecting landscapes and other visual forms according to chosen subject matter;
- (c) selecting artistic media, method and materials;
- (d) creating representational or abstract three-dimensional or relief forms by shaping, carving and working and combining materials such as, wood, stone, clay, metal, ice or paper;
- (e) creating representational or abstract drawings and paintings using pencils, ink, chalk, oil paints, water colours or through the application of other techniques;
- (f) creating drawings and engraving or etching them on metal, wood, or other materials;
- (g) creating cartoons to depict persons and events, often in caricature;
- (h) restoring damaged, soiled and faded paintings and other art objects.

Included occupations

Examples of the occupations classified here:

- Cartoonist
- Ceramic artist
- Commercial artist
- Picture restorer
- Portrait painter
- Sculptor

Excluded occupations

Some related occupations classified elsewhere:

- Handicraft workers - 731
- Industrial designer – 2163
- Graphic and multimedia designers - 2166
- Other art teachers – 2355

Notes**ISCO 88 Code(s)**

2452

ISCO 08 Code**2652****Title EN****Musicians, singers and composers****Lead Statement**

Musicians, singers and composers write, arrange, conduct and perform musical compositions.

Task statement

Tasks include:

- (a) creating melodic, harmonic and rhythmic structures to express ideas and emotions in musical form;
- (b) translating ideas and concepts into standard musical signs and symbols for reproduction and performance;
- (c) adapting or arranging music for particular instrumental or vocal groups, instruments or occasions;
- (d) conducting instrumental or vocal groups;
- (e) selecting music for performances and assigning instrumental parts to musicians;
- (f) playing one or more musical instruments as a soloist or as a member of an orchestra or a musical group;
- (g) singing as soloists or members of vocal groups or other bands;
- (h) practicing and rehearsing to maintain a high standard of performance.

Included occupations

Examples of the occupations classified here:

- Band leader
- Composer
- Instrumentalist
- Music conductor
- Night club musician
- Night club singer
- Orchestrator
- Singer
- Street musician
- Street singer

Excluded occupations**Notes****ISCO 88 Code(s)**

2453, 3473, part

ISCO 08 Code

2653

Title EN

Dancers and choreographers

Lead Statement

Dancers and choreographers conceive and create or perform dances.

Task statement

Tasks include:

- (a) conceiving and creating dances, which often convey a story, theme, idea or mood, by a pattern of steps, movements and gestures;
- (b) performing dances as a soloist, with a partner or as a member of a dancing group before live audiences or for film, television or other visual media;
- (c) training ,exercising and attending dance classes to maintain the required levels of ability and fitness;
- (d) directing and participating in rehearsals to practice dance steps and techniques required for a performance;
- (e) auditioning for dance roles or for memberships in dance companies;
- (f) coordinating the production music with the music directors.

Included occupations

Examples of the occupations classified here:

- Choreographer
- Dancer, ballet
- Dancer, night-club
- Dancer, street

Excluded occupations

Dance teacher - 2355

Notes

ISCO 88 Code(s)

2454 - 3473, part

ISCO 08 Code**2654****Title EN****Film, stage and related directors and producers****Lead Statement**

Film, stage and related directors and producers oversee and control the technical and artistic aspects of motion pictures, television or radio productions and stage shows.

Task statement

Tasks include:

- (a) choosing writers, studying scripts to determine artistic interpretation, instructing actors on acting methods;
- (b) directing all aspects of dramatic productions on stage, television, radio or in motion pictures, including choice of actors, and final decisions concerning costumes, set designs, sound or lighting effects;
- (c) planning, organizing and controlling the various stages and scheduling involved in the production of presentations, motion pictures, television shows and radio programs;
- (d) engaging and supervising all technical personnel, and determining the treatment, scope and scheduling of production;
- (e) maintaining production archives and negotiating royalties;
- (f) creating, planning, writing scripts for recording, videotaping and editing programs;
- (g) supervising the positioning of scenery, props and lighting and sound equipment.

Included occupations

Examples of the occupations classified here:

- Documentary director
- Film editor
- Motion picture director
- Photography director
- Stage director
- Stage manager
- Technical director
- Technical television or radio director
- Theatre producer

Excluded occupations

- TV /news producer -2642
- Photography director- 3441
- Broadcasting technician-3521
- Sound technician-3521
- Video technician-3521

Notes**ISCO 88 Code(s)**

2455, part - 1229, part

ISCO 08 Code**2655****Title EN****Actors****Lead Statement**

Actors portray roles in motion pictures, television or radio productions and stage shows.

Task statement

Tasks include –

- (a) learning lines and cues and playing parts in dramatic productions on stage, commercials, television, radio or in motion pictures;
- (b) assuming characters created by a playwright or author and communicating this to an audience;
- (c) telling stories or reading literary works aloud to educate or entertain listeners;
- (d) attending auditions and casting calls in order to audition for roles;
- (e) preparing for performances through rehearsals under the instruction and guidance of production directors;
- (f) reading scripts and undertaking research to gain understanding of parts, themes and characteristics;
- (g) acting parts and portraying roles as developed in rehearsals in film, television, radio and stage productions.

Included occupations

- Actor
- Mime artist
- Story-teller

Excluded occupations**Notes****ISCO 88 Code(s)**

2455, part

ISCO 08 Code**2656****Title EN****Announcers on radio, television and other media****Lead Statement**

Announcers on radio, television and other media read news bulletins, conduct interviews, and make other announcements or introductions on radio, television, and in theatres and other establishments or media

Task statement

Tasks include:

- (a) reading news bulletins and making other announcements on radio or television;
- (b) introducing performing artists or persons being interviewed, and making related announcements on radio, television, or in theatres, night-clubs and other establishments;
- (c) interviewing persons in public, especially on radio and television;
- (d) studying background information in order to prepare for programs or interviews;
- (e) commenting on music and other matters , such as weather or traffic conditions.

Included occupations

Examples of the occupations classified here:

- Radio announcer
- Television announcer
- News anchor
- Sports announcer

Excluded occupations

Journalist- 2642

Notes**ISCO 88 Code(s)****3472**

ISCO 08 Code**2659****Title EN****Creative and performing artists not elsewhere classified****Lead Statement**

This unit group covers all creative and performing artists not classified elsewhere in Minor group 265, Creative and performing artists. For instance, here should be classified clowns, magicians, acrobats and other performing artists.

Task statement

In such cases tasks would include:

- (a) performing amusing antics and telling funny stories;
- (b) performing tricks of illusion and sleight of hand, and feats of hypnotism;
- (c) performing difficult and spectacular acrobatics, and gymnastic or juggling feats;
- (d) training and performing with animals.

Included occupations

Examples of the occupations classified here:

- Acrobat
- Aerialist
- Clown
- Hypnotist
- Magician
- Puppeteer
- Stand-up comedian
- Ventriloquist

Excluded occupations**Notes****ISCO 88 Code(s)**

3474

ISCO 08 Code**342****Title EN****Sports and fitness workers****Lead Statement**

Sports and fitness workers prepare for and compete in sporting events for financial gain, train amateur and professional sportsmen and women to enhance performance, promote participation and standards in sport, organize and officiate sporting events, and provide instruction, training and supervision for various forms of exercise and other recreational activities.

Task statement

Tasks performed usually include: participating in competitive sporting events; conducting sports training to develop ability in and knowledge of the sport; compiling rules concerning the conduct of sporting competitions, and controlling the progress of these events; planning, organizing and conducting practice sessions; developing and designing fitness programs; delivering group exercise classes and personal tuition in a variety of fitness activities; promoting sports and sports skills development, and overseeing the participation of young people in sport.

Included occupations

Occupations in this minor group are classified into the following unit groups:

3421 Athletes and sports players

3422 Sports coaches, instructors and officials

3423 Fitness and recreation instructors and program leaders

Excluded occupations**Notes****ISCO 88 Code(s)**

3475, part

ISCO 08 Code**3421****Title EN****Athletes and sports players****Lead Statement**

Athletes and sport players participate in competitive sporting events. They train and compete, either individually or as part of a team, in their chosen sport.

Task statement

Tasks include:

- (a) participating in competitive sporting events;
- (b) participating in regular practice and training sessions and undertaking private training to maintain the required standard of fitness;
- (c) undertaking sports promotional activities and media interviews;
- (d) maintaining a high degree of expertise in a particular sport ;
- (e) deciding on strategies in consultation with coaches;
- (f) assessing other competitors and conditions at venues;
- (g) competing in sporting events;
- (h) adhering to the rules and regulations associated with a specific sport.

Included occupations

Examples of the occupations classified here:

- Athlete
- Boxer
- Footballer
- Golfer
- Hockey player
- Jockey
- Poker player
- Race driver
- Skier
- Tennis player
- Wrestler

Excluded occupations**Notes****ISCO 88 Code(s)****3475 part**

ISCO 08 Code**3422****Title EN****Sports coaches, instructors and officials****Lead Statement**

Sports coaches, instructors and officials work with amateur and professional sportspersons to enhance performance, encourage greater participation in sport, and organize and officiate in sporting events according to established rules.

Task statement

Tasks include:

- (a) identifying strengths and weaknesses of athletes or teams;
- (b) planning, developing and implementing training and practice sessions;
- (c) developing, planning and co-ordinating competitive schedules and programs;
- (d) motivating and preparing athletes or teams for competitive events or games;
- (e) formulating competitive strategy, developing game plans and directing athletes and players during games or athletic events;
- (f) analysing and evaluating athletes' or teams' performances and modifying training programs;
- (g) monitoring and analysing technique and performance, and determining how future improvements can be made;
- (h) officiating at sporting events or athletic competitions to maintain standards of play and to ensure that game rules and safety regulations are observed;
- (i) recording elapsed time and keeping scores during events or competitions;
- (j) judging the performance of competitors, awarding points, imposing penalties for infractions and determining results;
- (k) compiling scores and other athletic records.

Included occupations

Examples of the occupations classified here:

- Sports coach
- Referee
- Ski instructor
- Sports official
- Swimming instructor

Excluded occupations

Fitness instructor - 3423

Horse riding instructor – 3423

Notes**ISCO 88 Code(s)**

3475, part

ISCO 08 Code**3423****Title EN****Fitness and recreation instructors and program leaders****Lead Statement**

Fitness and recreation instructors and program leaders lead, guide and instruct groups and individuals in recreational, fitness or outdoor adventure activities.

Task statement

Tasks include:

- (a) planning and carrying out recreational and fitness activities;
- (b) monitoring recreational, sports or fitness activities to ensure safety and provide emergency or first aid assistance when required;
- (c) evaluating and monitoring clients' abilities and fitness and recommending activities;
- (d) demonstrating and teaching body movements, concepts and skills used in fitness routines and recreational activities;
- (e) instructing in the use of equipment;
- (f) explaining and enforcing safety procedures, rules and regulations.

Included occupations

Examples of the occupations classified here:

- Aerobics instructor
- Fitness instructor
- Horse riding instructor
- Outdoor adventure guide
- Personal trainer
- Sailing instructor
- Underwater diving instructor

Excluded occupations

- Ski instructor - 3422
- Swimming instructor- 3422

Notes**ISCO 88 Code(s)****3475, part**

ISCO 08 Code**343****Title EN****Artistic cultural and culinary associate professionals****Lead Statement**

Artistic cultural and culinary associate professionals combine creative skills and technical and cultural knowledge in taking and processing still photographs; design and decoration of theatre sets, shop displays and the interiors of homes; preparation of objects for display; maintenance of library and gallery collections, records and cataloguing systems; creation of menus and preparation and presentation of food; provision of support for stage, film and television production; and in other areas of artistic and cultural endeavour.

Task statement:

Tasks performed usually include: operating still cameras to photograph people, events, scenes, materials, products and other subjects; applying artistic techniques to product design, interior decoration and sales promotion; mounting and preparing objects for display; designing and arranging exhibit furnishings, display cases and display areas; designing menus and overseeing the preparation of food; assisting directors and performers actors with the staging of theatrical, motion picture, television or commercial productions

Included occupations

Occupations in this minor group are classified into the following unit groups:

3431 Photographers

3432 Interior designers and decorators

3433 Gallery, museum and library technicians

3434 Chefs

3435 Artistic and cultural associate professionals not elsewhere classified

Excluded occupations**Notes****ISCO 88 Code(s)**

ISCO 08 Code
3431
Title EN
Photographers

Lead Statement

Photographers operate still cameras to photograph people, events, scenes, materials, products and other subjects.

Task statement

Tasks include:

- (a) taking photographs for advertising, or other commercial, industrial or scientific purposes and to illustrate stories and articles in newspapers, magazines and other publications;
- (b) taking portrait photographs of persons and groups of persons;
- (c) studying requirements of a particular assignment and decide on type of camera, film, lighting and background accessories to be used;
- (d) determining picture composition, making technical adjustments to equipment and photograph subject;
- (e) operating scanners to transfer photographic images to computers;
- (f) operating computers to manipulate photographic images;
- (g) adapting existing photographic images to create new digitized images to be included in multimedia products;
- (h) using airbrush, computer or other techniques to create the desired visual effect.

Included occupations

Examples of the occupations classified here:

- Aerial photographer
- Commercial photographer
- Industrial photographer
- Photo - journalist
- Photographers
- Portrait photographer
- Scientific photographer

Excluded occupations

Some related occupations classified elsewhere:

- Film camera operator - 3521
- Video camera operator - 3521
- Mechanic, electronics - 7421
- Photographic equipment repairer- 7311
- Photographer, photogravure - 7321
- Photolithographer - 7321

Notes

ISCO 88 Code(s)
3131, part

ISCO 08 Code**3433****Title EN****Gallery, museum and library technicians****Lead Statement**

Gallery, museum and library technicians prepare artworks, specimens and artefacts for collections, arrange and construct gallery exhibits, and assist Librarians to organize and operate systems for handling recorded material and files.

Task statement

- (a) mounting and preparing objects for display;
- (b) designing and arranging exhibit furnishings, display cases and display areas;
- (c) assisting in setting up lighting and display equipment;
- (d) receiving, shipping, packing and unpacking exhibits;
- (e) ordering new library materials and maintaining library records and circulation systems;
- (f) cataloguing printed and recorded material;
- (g) entering data into databases and editing computer records;
- (h) operating audiovisual and reprographic equipment;
- (i) searching and verifying bibliographic data.

Included occupations

- Gallery technician,
- Library technician,
- Museum technician,
- Taxidermist

Excluded occupations**Notes****ISCO 88 Code(s)**

ISCO 08 Code**3435****Title EN****Artistic and cultural associate professionals not elsewhere classified****Lead Statement**

This unit group covers artistic and cultural associate professionals not classified elsewhere in Minor Group 344, Artistic, cultural and culinary associate professionals.

For instance here should be classified those who assist directors or actors with staging of theatrical, motion picture, television or commercial productions.

Task statement-**Included occupations**

- Body artist
- Floor manager – broadcasting
- Lighting technician
- Program co-ordinator – broadcasting
- Prompter
- Property master – broadcasting
- Script-girl/boy
- Special effects technician
- Stage manager
- Stage technician
- Stunt co-ordinator
- Tattooist
- Theatre technician
- Theatrical dresser

Excluded occupations**Notes****ISCO 88 Code(s)**