



Vocabularios en
educación argentina

International Standard Classification of Education : fields of education and training Engineering and engineering trades

lista alfabética

UNESCO Institute of Statistics

The International Standard Classification of Education (ISCED) is a framework for assembling, compiling and analysing cross-nationally comparable statistics on education. ISCED Fields of Education and Training classifies education programmes and related qualifications by fields of study.

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URL: <https://vocabularios.educacion.gob.ar/admin/iscedf/>

Referencias:

TG: término superior

TE: término específico

UP: término no preferido

USE: use

TR: término relacionado

EX: Excluye

IN: Incluye

NA: nota de alcance

Metatérmino: es un término que agrupa otros términos, no debería utilizarse para la indización

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Chemical engineering and processes USE 0711

Chemical engineering and processes is the study of planning, designing, and developing products and processes where chemical and physical changes occur. It includes designing chemical plants and control systems.

Programmes and qualifications with the following main content are classified here:

- Chemical engineering
- Chemical process engineering
- Laboratory technology
- Oil/gas/petrochemicals processing
- Plant and machine operation (processing)
- Process technology

Electricidad y energía USE 0713

Électricité et énergie Électronique et automatisation USE 0713

Electricity and energy USE 0713

Electricity and energy is the study of installing, maintaining, repairing and diagnosing faults in electrical wiring and related equipment in domestic, commercial and industrial establishments.

Installation and maintenance of overhead and underground electrical power distribution networks is included. Energy is the study of energy generation.

Programmes and qualifications with the following main content are classified here:

- Air-conditioning trades
- Climate engineering
- Electrical appliances repairing
- Electrical engineering
- Electrical fitting
- Electrical power generation
- Electrical trades
- Energy studies
- Gas distribution
- Heating trades
- Nuclear, hydraulic and thermal energy

- Power line installation and maintenance
- Power production
- Refrigeration
- Solar power
- Wind turbines

Electrónica y automatización USE 0714

Electronics and automation USE 0714

Electronics and automation is the study of planning, designing, developing maintaining and monitoring electronic equipment, machinery and systems. It includes designing computers and equipment for communication.

Programmes and qualifications with the following main content are classified here:

- Broadcasting electronics
- Communication systems
- Communications equipment installation
- Communications equipment maintenance
- Computer engineering
- Computer repairing
- Control engineering
- Data processing technology
- Digital technology
- Electronic
- Electronic equipment servicing
- Network technology
- Robotics
- Telecommunications technology
- Television and radio repairing

Électronique et automatisation USE 0714

Engineering and engineering trades not elsewhere classified USE 0719

Engineering studies not covered by other detailed fields are classified here:

- Nanotechnology

Environmental protection technology USE 0712

Environmental protection technology is the study of processes in order to minimise discharge and waste and avoid pollution. It includes programmes dealing with control of water, air, soil etc.

Programmes and qualifications with the following main content are classified here:

Air pollution control
Ecological technology
Energy efficiency
Environmental engineering
Industrial discharge control
Noise pollution control
Recycling
Water pollution control

Ingeniería y procesos químicos USE 0711

Ingénierie chimique et processus USE 0711

Ingénierie et techniques apparentées non classées ailleurs USE 0719

Mecánica y profesiones afines a la metalistería USE 0715

Mécanique et techniques apparentées USE 0715

Mechanics and metal trades USE 0715

Mechanics and metal trades is the study of planning, designing, developing, producing, maintaining and monitoring machines, mechanical plants and systems and metal products. It includes designing and maintaining machines which produce goods and services. The focus of study in this detailed field is machines, mechanical systems and metal products.

Programmes and qualifications with the following main content are classified here:

Gunsmithing

Hydraulics
Locksmithing and safe repairing
Mechanical engineering
Mechanical trades
Metal casting and patternmaking
Metal fitting, turning and machining
Metallurgical engineering
Precision mechanics
Sheet metal working
Steel production
Tool and die making
Welding

Motor vehicles, ships and aircraft USE 0716

Motor vehicles, ships and aircraft is the study of designing, developing, producing, maintaining, diagnosing faults in, repairing and servicing motor vehicles, including earth moving equipment and agriculture machines, ships, trains and aircraft. Typical is the combination of studies in both metal structures and motors.

Programmes and qualifications with the following main content are classified here:

Aerospace engineering
Aircraft engineering
Aircraft maintenance
Automotive electrical systems
Automotive engineering
Avionics
Coachwork
Marine engineering
Motorcycle engineering
Panel beating
Shipbuilding
Train repair and maintenance
Vehicle building and repairing
Vehicle varnishing/spraying

Technologie de la protection de l'environnement USE 0712

Tecnología de protección del medio ambiente USE 0712

Véhicules à moteur, bateaux et
aéronefs USE 0716

Vehículos, barcos y aeronaves
motorizadas USE 0716