

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 2 en
IFCM0110 OPERACIÓN EN SISTEMAS DE COMUNICACIONES DE VOZ Y DATOS**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 2 in
IFCM0110 OPERATING VOICE AND DATA COMMUNICATION SYSTEMS
(This translation has no legal status)**

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to install, configure the functional parameters and apply maintenance and operational testing on communications equipment, carrying out connections between communications lines and the systems managing the traffic of information, to verify the performance and quality parameters of the communications services, following specified procedures. This general competence is divided into the following **skills units** (UC):

- Install, configure and verify equipment for accessing public networks (UC0960_2).
- Configure and maintain services in private telephone switching equipment (UC0961_2).
- Connect private and public networks (UC0956_2).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Implementation of equipment for access to communication networks (MF0960_2).
- Maintenance of telephony services (MF0961_2).
- Interconnection of private and public networks (MF0956_2).
- Practical training at the workplace in operating voice and data communications systems (MP0394).

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference the learning outcomes include in the Practical training at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Participate in the installation, configuration and verification of equipment giving access to public networks, private telephone switching equipment, as well as interconnection of private and public networks, in accordance with the procedures established by the company.
- Take part in the company's working processes, following the rules and instructions established at the workplace.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of this certificate may work above all in the service sector, and mainly in the following types of companies: public bodies and companies in any productive sector that because of their size need to manage voice and data networks. The most pertinent occupations and positions are:

- Communications operator.
- Communications field technician.
- Telephony equipment operator.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

5. OFFICIAL BASIS OF THE CERTIFICATE
Level of the certificate
The Professional Certificate Level 2 of the National Repertoire of Professional Certificates corresponds to level 3 of the International Standard Classification of Education (ISCED-P 2011).
The European Qualification Framework (EQF) level:
Grading scale/Pass requirements
The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.
The grading system is as follows:
<ul style="list-style-type: none"> - FAIL: 0 to 4.9 - PASS-SATISFACTORY: 5 to 6.9 - PASS-GOOD: 7 to 8.9 - PASS-EXCELLENT: 9 to 10
Access to next level of education/training
This Professional Certificate Level 2 gives access to Professional Certificate Level 3 within the same professional area and family.
For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.
Legal basis
Royal Decree 1531/2011 of 31 October, establishing twelve professional certificates in the professional family Information and Communications Technology, which are included in the National Repertoire of Professional Certificates. (Appendix IV, Code: IFCM0110). Amended by Royal Decree 628/2013 of 2 August, establishing four professional certificates in the professional family Information and Communications Technology, which are included in the National Repertoire of Professional Certificates, and updating the professional certificates established as Appendices I, II, III, IV, V, VI, VII, VIII, IX, X, XI and XII of Royal Decree 1531/2011 of 31 October, and as Appendices I, II, III, IV, V and VI of Royal Decree 686/2011 of 13 May.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE		
This certificate may be acquired by:		
<ol style="list-style-type: none"> 1. Training: Completion with a pass grade of the face-to-face or online training programme. 2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate. 3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6 months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate. 		
The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:		
Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	93	510
Practical training at the workplace	7	40
Total duration of training leading to the certificate		550

Entry/access requirements:

- Compulsory Secondary Education Diploma (Lower secondary education); or
- Professional Certificate Level 1 in the same professional area.
- If neither of the above or higher certifications are held, a pass in the key skills tests.

Additional information: Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: www.sepe.es

National Europass Centre: www.oapee.es

(*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates; and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information is available at: <http://europass.cedefop.eu.int>

Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

