

Further information to the competence profiles:

Centro Integrado de FP número 1
C\ Francisco Rivas Moreno nº 2
39011 Santander Cantabria

1. Legal name of the programme

Intermediate Degree in Telecommunications Systems

The Basic regulation according to which the diploma is established is Royal Decree 1632/2009, of 30 October, according to which the diploma of Technician in Telecommunications Systems and its corresponding minimum teaching requirements are established.

2. Duration

The official duration of the education/ training leading to the diploma is 2000 hours. As a rule the training course is 2 years long. It is possible to increase the duration to 3, 4 or even more years when the student's results are not satisfactory.

3. Liability to charges (free or restrictions)

The training is free of charge. There is compulsory students insurance for those under 28 years old; the fees are 1,12euros a year for this students insurance.

4. Position of national vocational training system (initial or further education).

The training programme follows a fulltime education in secondary school. The trainees come either from general education schools or from other vocational schools. At the beginning of these programs trainees are usually 16 to 21 years old.

NATIONAL: Post-Compulsory (Upper) Secondary Education

INTERNATIONAL:

- Level 3 of the International Standard Classification of Education (ISCED3).
- Level 3 of the European Qualifications Framework (EQF3).

5. Learning Locations (school, company, practical training)

School: Vocational school (1590 hours over two years, first year is divided into three evaluation periods of approximately 3 months, second year consists in 2 evaluation periods plus an On the Job Training module over the third period).

Company: The "On the Job Training" professional Module takes place at the respective training company (410hours over the 2nd year).

Locations apart from the companies: Locations for teaching contents relevant for the “On the job Training” professional module which cannot/can hardly be taught in the first assigned company, a second company would be designated.

6. Organization responsible for this VET-programme (chamber, government...).

The name of the body awarding the diploma on behalf of the King of Spain is Spanish Ministry of Education.

In Spain, the State Education Authority (Ministry of Education) executes the general guidelines of the Government on education policy and regulates the basic elements or aspects of the system. Regional Education Authorities (Departments of Education) develop the State regulations and have executive and administrative competences for managing the Education System in their own territory according to their areas of competence. The title has academic and professional validity throughout Spain.

In addition, the schools have pedagogical, organisational and managerial autonomy for their resources. This autonomy is accompanied by the participation of the education community in the schools organisation, government, running and evaluation.

7. Preliminary to take part

From a legal point of view there are no preconditions to start a training course for this job.

A higher level of vocational Studies or an equivalent level in the fields of Electricity, Telecommunications or any other makes it possible to shorten the training by requesting the recognition of some modules or by confirming they have already been studied in the other programme. This is, however, always a decision in an individual case.

8. Additional competences which are part of this program

- Problem Solving.
- Respect for race and diversity.
- Be able to work effectively in an Organization that requires decision making, teamwork, discretion, judgment.
- Demonstrate familiarity with and commitment to the missions, functions and values of the Organization or Enterprise.
- Strive for continuous improvement and encourage other to do likewise.
- Demonstrate an openness and willingness to embrace and as necessary develop new procedures, practices and policies of the Organization and its personnel in an effort to continually improve the Organization and its services.
- Be result oriented: perform all work with the desired results in mind and work towards the desired result complying with processes.
- Demonstrate a strong sense of responsibility and accountability.

- Commit to delivering practical and achievable outputs.
- Embrace technological development.

9. Examinations

Continuous Assessment in modules.

The educational policy in vocational studies modules means that students are examined continuously over most of the duration of the modules, the results of which are taken into account after each evaluation period of approximately 3 months. It is often proposed or used as an alternative to a final examination system. The attendance to clases is essential to follow this policy.

Intermediate Examination

Final Examination System. All along the training, the student has the right to take two final examinations per module a year. The maximum number of final examinations per module is five, normally it would be four but under certain circumstances the headmaster of the school can favor a Fifth Final Examination. Depending of the student's year these examinations would take place in June and September for the first year and in March and June for the second year.

Final Examination

The final examination for the full programme does not exist as such.

10. Persons/Organisations responsible for the examinations.

The Organization responsible for the examinations of each module is the Professional Family Department made up of all the teachers included in the professional Family.

11. Certificates

1. The diploma of Technician in Telecommunications Systems.
2. A certificate for Basic Level in Occupational Risk Prevention.
3. A certificate of the vocational school as a document of credited modules or competences.

12. What the certificates entitle to...

The Technician in Telecommunications Installations works in microenterprises and small and medium enterprises, mostly private, in the areas of fitting and maintenance of telecommunications infrastructures, closed circuit television and

electronic safety installations, telephone switches and data networks and telephone systems infrastructures, sound reinforcement and Public Address Systems, radio communications installations, home automation systems and computer systems, either as self-employed or as an employee.

The most relevant occupations or jobs are the following:

- Telecommunications fitter in home buildings
- Aerial fitter
- Security systems fitter
- Expert in local networks and telematics
- Expert in fitting-maintaining local networks
- Telephone fitter
- Telephone and telematics equipment fitter-assembler
- Expert in sound installations
- Public Address Systems fitter
- Home automation systems fitter-assembler
- Expert in fitting-maintaining computer equipment
- Expert in fitting-maintaining radio systems

This diploma may provide access to Higher Technical Cycles provided that an entrance exam is passed.

13. Statistics of the graduates that finished the programme.

This degree was implemented in the academic year 2010-2011. The first graduates finished in June 2012.

According to the information contained in the latest 'Report on the Occupational Situation of Graduates 2011-2012' presented by the Department of Education of the Government of Cantabria:

Professional Family: Electrical Engineering/Electronics.
Diploma of Technician in Telecommunications Systems.

Academic year 2011-2012

Number of students that finished: 16

- Into the labour market: 60 % :
 - Employees: 38 %
 - Same professional profile: 25%
 - Different professional profile: 13%
 - Unemployed: 22%
- Continue studying: 40 %