



IES FUENTESNUEVAS

Chemistry Vocational Training



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HIGHER TECHNICIAN IN ANALYSIS AND QUALITY CONTROL LABORATORY

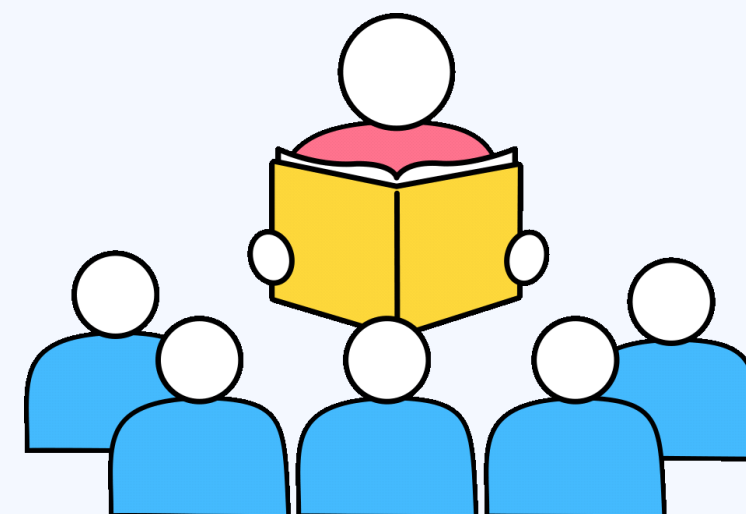
The holder of this diploma will have acquired the General Competence with regard to:

Organising and coordinating laboratory activities and the sampling plan, making any type of tests and analyses on materials and products in process or finished, focused on research and quality control, interpreting the results obtained, and acting under good laboratory practice rules.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

The Higher Technician in Analysis and Quality Control Laboratory works in companies or laboratories within different sectors in which carrying out physical, physicochemical, chemical and instrumental analyses on materials and products used for quality control and research are necessary, as well as sectors in which microbiological and biotechnological tests within environmental or food areas, among others, are needed. The most relevant occupations or jobs are the following:

- Laboratory analyst within public and private companies
- Chemical laboratory analyst
- Microbiological laboratory analyst
- Materials laboratory analyst
- Food and agriculture industries laboratory analyst
- Processing industry laboratory analyst
- Analyst of training, research and development centres
- Microbiological analyst in food, environmental and biotechnological companies
- Microbiological analyst of drinking and waste water
- Analyst of microbiological control within the pharmaceutical industry
- Raw materials and finished products analyst
- Industrial chemistry laboratory technician
- Quality control technician in different manufacturing companies
- Technician in mechanically manufactured products test
- Construction materials testing technician



AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

Name of the body awarding the diploma on behalf of the King of Spain:
Spanish Ministry of Education or the different Autonomous Communities
according to their areas of competence.

The title has academic and professional validity throughout Spain.

Official duration of the education/ training leading to the diploma: 2000 hours.

Level of the diploma (national or international)

:

·NATIONAL: Non-University Higher Education

·INTERNATIONAL:

-Level 5 of the International Standard Classification of
Education (ISCED5).

-Level 5 of the European Qualifications Framework (EQF5).

Entry requirements: Holding the Certificate in Post-Compulsory Secondary
Education (Bachillerato) or holding the corresponding access test.

Access to next level of education/training: This diploma provides access to
University studies.





TECHNICIAN IN LABORATORY OPERATIONS

The holder of this diploma will have acquired the General Competence with regard to:

Performing materials testing, physico-chemical, chemical and biological analysis, keeping the equipment and the auxiliary service facilities operating, as well as complying with the regulations of quality and labour risk prevention, safety and environmental protection.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

The Technician in Laboratory Operations works in various business sectors and laboratories where they perform physical, physic-chemical, chemical and microbiological tests, operating and maintaining the equipment and auxiliary facilities oriented to quality control. The most relevant occupations or jobs are the following:

- In the chemical industry, storage areas and laboratory of quality control.
- In other industries requiring physicochemical processes, such as food processing, pharmaceuticals, construction, metallurgy, mechanics, electronics, textile and plastics and rubber processing, among others.
- Laboratories in general, whether undertaken by public or private companies.



AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

Name of the body awarding the diploma on behalf of the King of Spain: Spanish Ministry of Education or the different Autonomous Communities according to their areas of competence.

The title has academic and professional validity throughout Spain.

Official duration of the education/ training leading to the diploma: 2000 hours.

Level of the diploma (national or international)

·NATIONAL: Post-Compulsory Secondary Education

·INTERNATIONAL:

-Level 3 of the International Standard Classification of Education (ISCED3).

Entry requirements: Holding the Certificate in Compulsory Secondary Education or holding the corresponding access test.

Access to next level of education/training: This diploma may provide access to Higher Technical Cycles provided that an entrance exam is passed.



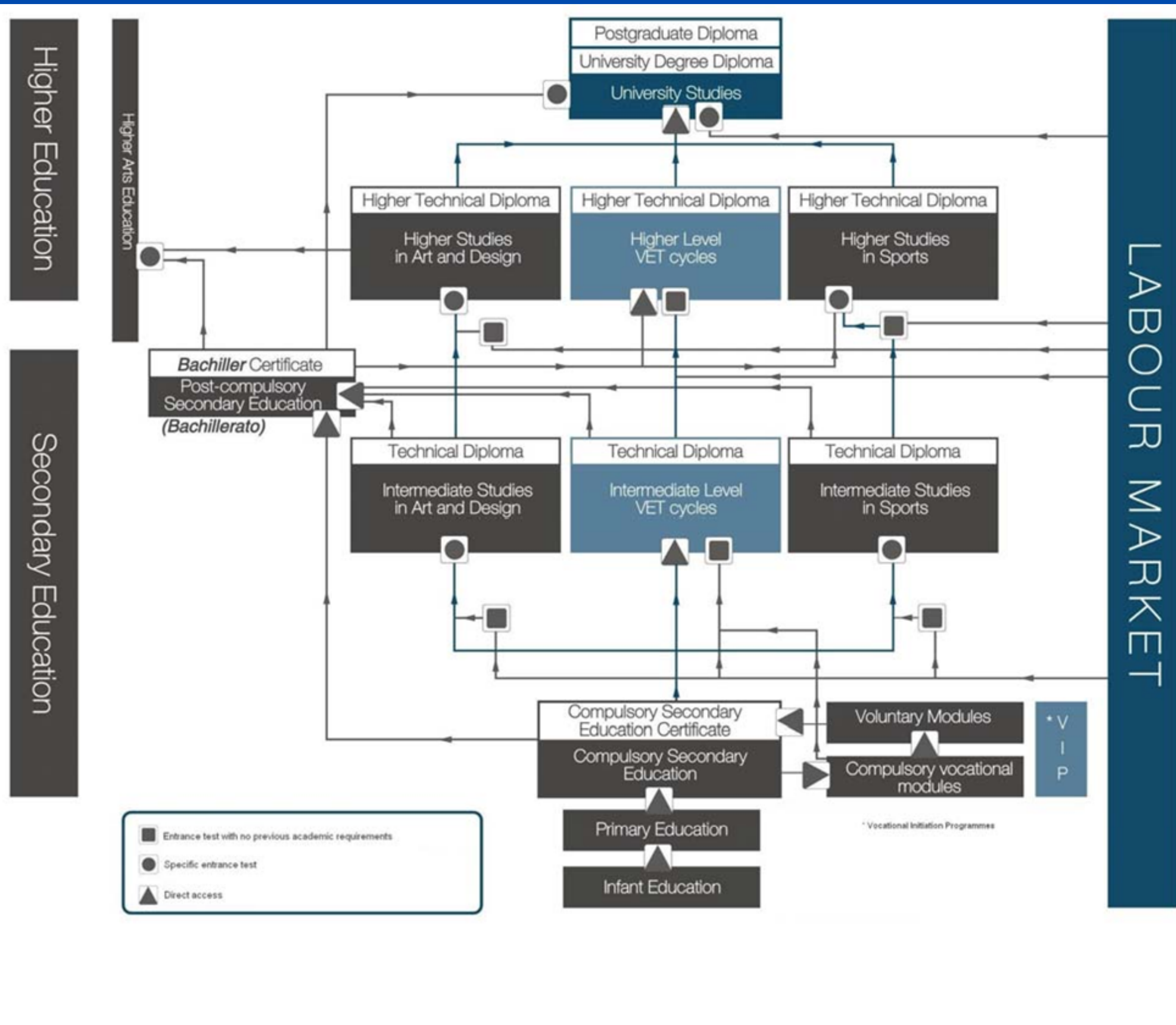


PHOTO GALLERY



Laboratories and mural of the Ateca classroom



THANK YOU

Contact us:

24016584@educa.jcyl.es



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