

# EUROPASS SUPPLEMENT TO THE DIPLOMA OF

## TITLE OF THE CERTIFICATE (original language: ES)

*Técnico Superior de Artes Plásticas y Diseño en Pavimentos y Revestimientos Cerámicos*

## TRANSLATED TITLE OF THE CERTIFICATE (English)

*(Diploma of Higher Education in Plastic Arts and Design in Ceramic Pavements and Cladding)*

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## PROFILE OF SKILLS AND COMPETENCES

### The holder has acquired general skills relating to:

Employing systems used to create and develop two-dimensional ceramic products intended for pavements and cladding, both in terms of visual tendencies and of techniques that form part of this professional field.

Within this framework, each PROFESSIONAL MODULE includes objectives leading to the following LEARNING RESULTS that the holder acquires.

### ***“Historia de la Cerámica” (history of ceramics)***

The title holder:

- Develops his or her aesthetic sensitivity.
- Develops his or her visual and conceptual understanding of the artistic language inherent in the ceramic arts.
- Associates the value of ceramics as a cultural element with its technical and plastic dimension, in order to understand its historical development and the aesthetic evolution it has experienced over time.
- Understands the expressive language that distinguishes ceramics from every era, style or tendency and their relationship to the art and the society of the time in which it was produced.
- Values contemporary ceramic creations, and the investigation and renewal processes that have taken place in this field throughout this century.

### ***“Química y Procesos de Recubrimientos Cerámicos” (chemistry and ceramic covering processes)***

The title holder:

- Possesses theoretical and practical knowledge about the ceramic process: the preparation of ceramic paste, the formation of pieces, drying, decorations, firing.
- Possesses theoretical and practical knowledge on the raw materials that are used in the formation of ceramic products.
- Knows machinery used in ceramics and the variables in the ceramic process.
- Knows the national and international regulations that apply to ceramic products.

- Is aware of the importance of design in the quality attributes of the final product.

***“Fotomecánica Aplicada a los Recubrimientos Cerámicos” (photomechanics applied to ceramic coverings)***

The title holder:

- Knows and knows how to use a photographic camera.
- Knows and knows how to use a manual enlarger.
- Knows and knows how to use reprographic materials.
- Knows and knows how to use a photomechanical reproduction machine.
- Knows how to apply photomechanical processes to obtain screen printing matrices.

***“Técnicas Decorativas Industriales de Recubrimientos Cerámicos” (industrial decorative techniques for ceramic coverings)***

The title holder:

- Knows the different possibilities of decorative intervention within the manufacturing processes.

***“Diseño Asistido por Ordenador” (computer-aided design)***

The title holder:

- Correctly uses computer material and equipment.
- Uses computer systems on three levels: creation, production and communication.
- Knows and masters the software that is needed to practice this speciality professionally.

***“Proyectos de Pavimientos y Recubrimientos Cerámicos” (pavements and ceramic covering projects)***

The title holder:

- Knows and knows how to apply the general methodology of the industrial design process.
- Knows and applies specific methods to resolve design problems of ceramic claddings and pavements.
- Creates special pieces.
- Creates three-dimensional prototypes.
- Knows and knows how to use materials to build models.
- Obtains moulds.
- Uses the materials that are required for the realization of ideas.
- Develops his or her artistic sensitivity and creativity.

***“Formación y Orientación Laboral” (training and career guidance)***

The title holder:

- Knows the legal working framework and the rights and obligations that derive from labour relations.
- Possesses the necessary awareness of occupational health as a determining factor of both the quality of life and of quality results in productive activity.
- Knows the different ways to access employment, as well as the aid from agencies and institutions dedicated to this end, whether at a state or Autonomous Community level.
- Has been trained to perform associative tasks with an attitude of cooperation and also teamwork activities.
- Possesses the necessary bases to organise a small or medium-sized company and to market their products bearing in mind such aspects as production and distribution, commercial relations and the legal, social and labour aspects involved therein.
- Knows the legal instruments specific to the speciality.
- Knows the industrial ceramic sector, its companies, organisation and work control.

### **RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE**

The holder of a Diploma of Higher Education in Plastic Arts and Design in Ceramic Pavements and Cladding carries out his or her professional activity in the ceramic pavements and cladding industry or in their own studio. In addition, this professional is trained to develop their activity in the areas of: Pre-production, Design Studio; Production: Development Department and in design studios, Photography, CAD, drawing and prototypes; and in the area of Development. Prototypes and pre-series.

Their training will allow them to resolve the problems that their activity gives rise to in the field of creation, and during production. Their training will be multidisciplinary, providing them with an overview of the process that will allow them to intervene creatively in the different phases of that process.

### **OFFICIAL BASIS OF THE CERTIFICATE**

**Name and status of the body awarding the certificate:** The Ministerio de Educación, Cultura y Deporte (the Ministry of Education, Culture and Sport) or the Autonomous Communities in the area of their own administrative responsibility. The degree has academic and professional effects that are valid throughout the entire State.

**Official duration of the Diploma:** 1,950 hours.

**Level of the certificate (national or international).**

- NATIONAL: Non-university higher education.
- INTERNATIONAL:
  - Level 5b of the International Standard Classification of Education (ISCED5b).

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

**Entry requirements:** Bachelor's Degree or Certificate of having passed the corresponding access test and the specific access test.

**Access to the next level of education or training:** It is possible to move on to higher education in artistic teaching and to any university degree course.

**Legal basis.** Rules and regulations on which the Diploma is based:

- Minimum teaching requirements established by the State: Royal Decree 1458/1995, of 1 September, which establishes the diplomas of Higher Education in Plastic Arts and Design in Ceramic Flooring and Cladding, in Artistic Ceramics and in Ceramic Modelling and Die-casting, which belong to the professional family of Artistic Ceramics, and approves the corresponding minimum education requirements.

**Explanatory note:** This document is intended as supplementary information to the Diploma in question, but on its own it does not have any legal validity. It may be accompanied by an Annex I which the corresponding Autonomous Community shall fill in.

## COURSE STRUCTURE OF THE OFFICIALLY RECOGNISED DIPLOMA

MINIMUM TEACHING MODULES	HOURS
History of Ceramics	50
Chemistry and Ceramic Covering Processes	150
Photomechanics Applied to Ceramic Coverings	125
Industrial Decorative Techniques for Ceramic Coverings	200
Computer-Aided Design	200
Pavements and Ceramic Covering Projects	200
<b>Training and Career Guidance</b>	50
<b>Practical Training in Companies, Studios or Workshops</b>	25
<b>Final project</b>	75
	TOTAL
OFFICIAL DURATION OF THE DIPLOMA	<b>1,950 HOURS</b>

\*The minimum education requirements reflected in the above table constitute 55% of the total duration of the Diploma; they are of an official nature and are valid throughout the national territory. The remaining 45% is specific to each Autonomous Community and may be reflected in **Annex I** of this supplement.

No ECTS credits are assigned to the degrees of Higher Education in Plastic Arts and Design of Organic Law 1/1990 (LOGSE). These degrees are to all intents and purposes equivalent to the degree of Higher Education in Plastic Arts and Design published in Organic Law 2/2006 (LOE), to which **120 ECTS credits** and a duration of 2,000 hours are assigned.

## INFORMATION ABOUT THE EDUCATION SYSTEM

