

EUROPASS SUPPLEMENT TO THE DIPLOMA OF

TITLE OF THE CERTIFICATE (original language: ES)

Técnico Superior de Artes Plásticas y Diseño en Modelismo y Matricería Cerámica

TRANSLATED TITLE OF THE CERTIFICATE (English)

(Diploma of Higher Education in Plastic Arts and Design in Ceramic Modelling and Die-Casting)

PROFILE OF SKILLS AND COMPETENCES

The holder has acquired general skills relating to:

Employing the systems used to create and produce ceramic moulds and matrices, needed to realize the product. Thereby covering the important demand in the ceramic companies for such professionals, whose work helps to improve the quality of life of the future user of these products and to increase the level of quality of the production of ceramic pieces.

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

“Dibujo” (drawing)

The title holder:

- Possesses the basic knowledge and skills of drawing as a basic tool for communicating and interpreting ideas and creating projects.
- Knows how to use and apply basic notions of geometry and basic methods of geometric layout in a modelling workshop.
- Masters the sensitive and expressive values of drawing.
- Develops his or her artistic sensitivity and creativity.

“Volumen” (volume)

The title holder:

- Possesses general knowledge on the conception and realisation of volume.
- Knows and knows how to use basic techniques to shape volumes.
- Develops his or her artistic sensitivity and creativity.
- Solves basic problems of three-dimensional representation.
- Is familiar with the use, conservation and security measures of the different workshop tools.

“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.

“Taller de Moldes Cerámicos y Matricería” (ceramic moulds and die-casting workshop)

The title holder:

- Understands the requirements and systems of mass production.
- Is able to adapt and optimize the production process depending on the object being produced.
- Knows the industrial processes of ceramic production.
- Masters the different moulding techniques.

“Modelos Cerámicos” (ceramic models)

The title holder:

- Knows and knows how to use basic techniques and specifically ceramic techniques for creating models.
- Knows the idiosyncrasies of ceramic material, (contractions, brackets for firing, etc.) in order to foresee these features when creating the model.
- Knows how to use tools and machinery to manufacture models, how to take care of them and their security measures.
- Organises the workshop in accordance with the ergonomic requirements of the machinery and the user.
- Knows the characteristics and the working conditions of the different materials used in the models, and uses them correctly.
- Possesses an overall vision of not-specifically ceramic moulding and die-casting techniques, so as to be able to use them when a problem arises.
- Knows the specific problems posed by the most common ceramic objects and designs a selection of these objects to ensure a broad understanding of their characteristics and of the requirements of the projective process in relation to the productive process.
- Understands the parameters that influence the shaping of objects and is able to frame a criticism and put forward suggestions for improvement.
- Develops his or her creativity and artistic sense.

“Proyectos de Modelismo y Matricería” (modelling and die-casting projects)

The title holder:

- Studies the basic concepts of design and its process.
- Uses computer-aided design tools.
- Conceives design as an interdisciplinary process.
- Understands the design of the object in its integration into society.
- Develops his or her creativity and artistic sense.

“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 Modelling and Die-Casting occupies an intermediate position between the project and the production. He or she is responsible for the viability of the idea, the preparation of the production and the optimization of some of its integral processes. Such professionals pursue their activity in close collaboration with design and production departments, developing models, moulds and matrices needed to materialise the product.

The higher level training cycle in Ceramic Modelling and Die-Casting contemplates their entering the labour market through their own workshop, creating models and moulds as their own work, or as commissions for other workshops; or in the industry, joining the modelling, moulds and die-casting department, in close contact with the Design Department. Although the training is primarily aimed at the field of ceramics, such professionals may act in related fields, in which the productive process involves the realisation of models and matrices.

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: 1,850 hours.

Name and status of the body awarding the certificate.

- 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
Drawing	100
Volume	125
History of Ceramics	50
Ceramic Moulds and Die-casting Workshop	225
Ceramic Models	225
Modelling and Die-casting Projects	125
Training and Career Guidance	50
Practical Training in Companies, Studios or Workshops	25
Final project	75
	TOTAL
OFFICIAL DURATION OF THE DIPLOMA	1,850 HOURS

*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

