

EUROPASS SUPPLEMENT TO THE DIPLOMA OF

TITLE OF THE CERTIFICATE (original language: ES)

Técnico de Artes Plásticas y Diseño en Forja Artística

TRANSLATED TITLE OF THE CERTIFICATE (English)

(Diploma of Education in Plastic Arts and Design in Artistic Forging)

PROFILE OF SKILLS AND COMPETENCES

The holder has acquired general skills relating to:

Creating works of artistic forging from projects that have been previously made. To do so, he or she shall use both traditional techniques, tools and materials and new materials, procedures and technologies, following throughout the entire process the existing safety, occupational health and environmental protection standards, thereby guaranteeing the quality of the pieces he or she makes.

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

“Dibujo artístico” (artistic drawing)

The title holder:

- Develops his or her aesthetic sensitivity and creativity.
- Graphically represents and reproduces objects in his or her environment, employing different plastic and technical methods.
- Develops the skills of analysis and visual perception and that of spatial awareness.
- Understands artistic drawing as an orderly process of analysis, synthesis and graphical representation.

“Dibujo Técnico” (technical drawing)

The title holder:

- Represents and dimensions objects using the system of representation that is most suited to the characteristics of the piece.
- Interprets the requirements and specifications of a dimensioned technical drawing in order to subsequently recreate it in the workshop.
- Develops and possesses spatial awareness.

“Volumen” (volume)

The title holder:

- Analyses and represents a three-dimensional shape using the corresponding volumetric procedures.
- Possesses spatial awareness skills.
- Selects the techniques and materials that are most appropriate to the aesthetic and functional requirements of the work that he or she is going to create.
- Creates modelling originals from their own designs or from those of others.
- Creates copies of modelling originals.
- Develops his or her creativity and artistic sensitivity.

“Historia del arte y la Forja” (history of art and forging)

The title holder:

- Delves into the historic, artistic and technical evolution of forging.
- Develops a visual culture and an aesthetic sensitivity that are appropriate to a professional profile.
- Analyses and critically assesses the formal aspects of works within the speciality.
- Appreciates his or her professional activity as a product of the evolution of the humanist, artistic and technical knowledge that is specific to the speciality.

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

The title holder:

Analyses and interprets the legal working framework and knows the rights and obligations that derive from labour relations.

- Understands the legal requirements and conditioning factors for organizing and running a small or medium-sized company, taking into account production, legal, mercantile and social - occupational factors.

Identifies the different ways by which to enter the labour market and lifelong training, and knows the institutional bodies, both national and community, that are dedicated to this end.

Understands and applies occupational health and safety standards and becomes aware of the need to protect the environment, as factors that determine the quality of life.

“Materiales y Tecnología: Forja Artística” (materials and technology: artistic forging)

The title holder:

- Possesses the theoretical and practical knowledge that is needed to understand the physical and chemical changes that occur during artistic shaping processes involving iron or other forged metals.
- Classifies ferrous and non-ferrous metal materials related to artistic forging and analyses their most significant characteristics and properties.
- Knows the commercial forms of the different metals that most lend themselves to artistic forging.

- Knows the equipment and materials needed to perform such operations as cutting, joining, shaping and finishing in artistic forging projects.
- Knows the specific scientific and technical terminology.

“Taller de Forja Artística” (artistic forging workshop)

The title holder:

- Correctly uses the specific terminology and appropriately applies the scientific principles and technical requirements related to the content of the module.
- Possesses the knowledge, skills and attributes that allow him or her to correctly execute the techniques and plastic values of iron and other metals.
- Knows the specific materials and their expressive languages through the necessary knowledge and procedures as far as the tools, utensils and machinery are concerned, their use and maintenance, health and safety guidelines and their technical and plastic effectiveness.
- Takes part individually and in a team in appropriate exercises or projects.
- Participates in an artistic forging workshop, making the best possible use of the spaces and resources available and adapting them at all times to the existing safety, occupational health and environmental protection standards.
- Stores, preserves, prepares and applies in optimal conditions of use the materials used in this activity.
- Knows and correctly uses the processes and the different techniques of forged iron reproduction.

“Obra final” (final work)

The title holder:

- Knows and puts the artistic forging process into practice in all its stages: ideation, technical feasibility study, cost calculation, report and budget, creation of the piece, finishing and quality control.
- Understands the basic aspects of projection in order to be able to carry out and interpret simple artistic forging projects.
- Possesses an articulated and coherent vision of artistic forging as a profession, by applying the sum of the knowledge he or she has gained from their education to the creation of their own work within the speciality.

“Prácticas en empresas, estudios o talleres” (practical training in companies, studios or workshops)

The title holder:

- Absorbs the reality of the professional world in order to complete his or her academic training, by undertaking working responsibilities commensurate with his or her level.
- Enters into contact with the working world and its social, working and technical systems.

- Contrasts the knowledge acquired in the educational centre with the corporate and working reality.
- Possesses, through contact with a company and/or with professionals, the complementary skills needed for the practice of the profession.
- Possesses technical knowledge of tools, instruments, apparatus and machinery which, due to their specialisation, cost or novelty, are not available to the educational centre.
- Actively participates in the stages of the productive process, under the corresponding tutorship or direction.
- Applies the knowledge and skills acquired during the student's theoretical-practical training in the educational centres to his or her professional practice.
- Integrates himself or herself into the labour world and the company's social-technical system.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

He or she may also carry out their profession as an employee in their own workshop or in companies and workshops of an artisanal and artistic nature related to the world of ceramics, whether public or private, related to the field of artistic forging as a worker in the execution and production area, carrying out their work within the framework of the duties and objectives assigned to them by a technician of a superior level to theirs, or a workshop manager, within their professional field. They may also work as an independent professional or in association with other professionals or cooperatives, carrying out their own work or commissions received from other workshops or companies.

The following are the most relevant occupations and jobs:

- A craftsperson working in artistic forging and metalwork.
- Welder
- Embossing engraver
- Artistic metalworker
- Metal temperer
- Polisher

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: 1,600 hours.

Level of the certificate (national or international).

- NATIONAL: Post-compulsory secondary education.
- INTERNATIONAL:
 - Level 3 of the International Standard Classification of Education (ISCED3).
 - Level _____ of the European Qualifications Framework (EQF__).

Entry requirements: A Graduate Degree in Secondary Education, or a Certificate of having passed the corresponding entrance test.

Access to the next level of education or training: Will be able to access Higher Level Training Cycles, subject to passing an entrance test.

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

- Minimum teaching requirements established by the State: Royal Decree 228/2015, of 27 March, which establishes the Diploma of Education in Plastic Arts and Design in Artistic Forging, which belongs to the professional artistic family of Sculpture, and sets 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
Artistic Drawing	80
Technical Drawing	50
Volume	80
History of Art and Forging	50
Materials and Technology: Artistic Forging	50
Artistic Forging Workshop	420
Training and Career Guidance	50
Practical Training in Companies, Studios or Workshops	50
Final project	50
	TOTAL
OFFICIAL DURATION OF THE DIPLOMA	1,600 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.

INFORMATION ABOUT THE EDUCATION SYSTEM

