

I-VET Tradition and Innovation

IIS "V. Calò" - Grottaglie

TITLE: *From the traditional Grottaglie ceramic object to contemporary table complement*

PERIOD: October-November 2019

TARGET GROUP: 4th year of Arts Institute, (second year of specialist course of ceramic design)

Abstract

Ceramic object redesign from the archetype of everyday use to the table complement.

Development of the idea, which creates a link between tradition and innovation, in the creation of the traditional object, with more modern working methods, which involve mass production without totally setting aside the manual and artisan intervention.

The chosen object is the "pitale" (large floor vase), a peasant use object, characteristic of Grottaglie ceramic production, which was used to store oil, where the wide opening allowed to insert a "srulu" (pitcher), another object of the tradition, to get the contents.

The proposed idea was implemented maintaining the original shape of the object, but reducing its size and intended use, also intervening by modifying some details and inserting other decorative elements with different techniques.

Objectives

- Recognize the traditional objects of the Grottaglie pottery and their function
- Apply design skills to redevelop the ceramic object of tradition, innovating design contents and proposing new uses and functions
- Use techniques and technologies that are consistent with the materials used and the project objectives to be pursued
- Collaborate and cooperate
- Communicate your product

Previous knowledge

- Rules for the use of materials and machinery in safety
- Identification of ceramic materials
- Formulation and preparation of the dough
- Development of mixtures in the plastic state and casting slips
- Techniques and basic shaping technology
- Drying (Drying mode)

COMPETENCES

Artistic and craft skills, related to the art, history and tradition of ceramics

- Knowing how to use different techniques and technologies, tools and materials, industrial and craft machinery;
- identifying and managing the elements that make up the shape and function, taking into account the structure of the product based on the ceramic material;
- using the graphic, geometric and descriptive techniques and the main IT applications of the sector and managing the design process of a product up to the realization of the prototype, in a synergistic relationship between the design and the laboratory.

Functional skills, defined as those that relate to specific professional functions

- Knowing and managing, independently, the design and operational processes of the design of the ceramic sector by identifying the aesthetic, functional and communicative aspects;
- organizing the execution of tasks in accordance with the instructions given and the procedures established.

Transversal skills, those that relate to different, transversal and multidisciplinary skills

- Expressing ideas clearly, both orally and written;
- communicating technical issues to different people and in different contexts;
- persuading and influencing the decision making of others, using solid arguments from their field of competence to achieve goals;
- helping to create a collaborative environment to the best of their abilities;
- identifying problems and proposing solutions to achieve optimal project performance.

LEARNING OUTCOMES

At the end of the training session the student

- will know and will be able to manage, independently, the design and operational processes inherent to the design of the ceramic sector by identifying the aesthetic, functional and communicative aspects;
- will know and will be able to use the tools and materials and the various craft techniques;
- will have the necessary skills to identify and manage the elements that make up the form and function, taking into account the structure of the product based on the ceramic material;
- will be able to manage the interaction between planning and laboratory sessions;
- will be able to use the graphic, geometric and descriptive techniques and the main sector applications and manage the design process of a product up to the realization of the prototype, in a synergistic relationship between the design and the laboratory.

CONTENTS

- Forming method for casting
- Casting shaping technique
- Methods for finishing objects obtained by casting and applying external elements
- *Engobe* technique (application of earthy coating)
- Method of using the kiln (ceramic firing method)
- Experimentation of various ceramic bodies
- Dosage and preparation of pigments based on oxides
- Formulation, preparation and cooking of earthy and glassy coatings
- Grinding and sieving
- Preparation of glazing supports
- Glazing by immersion, sprinkling, spraying. Finishing of glazed objects
- Application of more coatings
- Traditional and territorial decorative techniques
- The specific English lexis of the ceramic sector.

ACTIVITIES

DESCRIPTION	HOURS
1. Class level assessment, previous knowledge consolidation: repetition lessons (referred to first year of specialist course) preparatory to the module.	4 h
2. The ceramic objects for domestic use in traditional Grottaglie production.	4 h
3. Realization of the plaster prototype on the lathe. Casting, setting of the plaster, shaping.	(Lab.) 4 h
4. Creation of the multi-piece mold. Castings and adjustments of the pieces in sequence.	(Lab.) 8 h
5. Execution of casting molding: dough preparation and sieving. Shaping.	(Lab.) 4 h
6. Finishing and application of external elements (modeling, drawing of the handles and gluing of the same).	(Lab.) 4 h
7. Preparation of the slip with grinding, sieving and densitometric correction of the earth coating. Execution of the engobe. Execution of the "graffito".	(Lab.) 4 h
8. Drying, single firing, cooling.	(Lab.) 2 h
9. Preparation of glass coverings. Evaluation and correction of pigments. Glazing with different techniques. Finishing of glazed objects.	(Lab.) 6 h
10. Double firing.	(Lab.) 2 h
11. Presentation of the workshop activities and output: collection and arrangement of documentary and multimedia material; processing and presentation.	5 h
12. Lessons about the specific lexis in English for the description of techniques and design elements of ceramic objects. Report on the manufactured object.	3 h
<i>Total hours 50 h</i>	

Overview of total hours by methodology:

<i>Methodology or type of activity</i>	<i>Description</i>	<i>Hours</i>
Front lessons	Classes, guided discussions	11
Practical classes	Group work sessions dedicated to the resolution of the practical case	34
Presentation	The final presentation of the project by the group	5
<i>Total hours</i>		50

ASSESSMENT

<i>Type of activity</i>	<i>Hours</i>
Didactic planning	12
Monitoring and evaluation	5