



LOW-TEMPERATURE GLAZES, CHEMISTRY AND FORMULATIONS

INTENSIVE COURSE ON LOW-TEMPERATURE GLAZES

21-22-23-24-25 MAY 2025

**INCLUDED: 32 HOURS OF TEACHING | ALL THE
NECESSARY MATERIALS | FIRINGS**

MAXIMUM 6 PARTICIPANTS

TEACHER: CLAUDIO GARDENGI

 **FAENZA ART
CERAMIC CENTER**

INTRODUCTION

In this particular course, you will learn how to formulate or modify the aesthetics of low-temperature glazes.

Low-temperature ceramic objects often need a "cover", which is called a glaze, required to make the ceramic object water-resistant and aesthetically conform to what is desired.

What is needed to make a glaze? What frits and raw materials to combine to make it? How to modify a ready-made glaze? And how to proceed from test to test to achieve the desired effect?

The teacher Claudio Gardenghi, an expert with over forty years of experience in some of the most important ceramic colour factories, will introduce participants to the world of low-temperature glazes, also giving space for some personal research.

In fact, thanks to the small number of participants, it will be possible both to work on bases provided by the organisation and to analyse, replicate or correct glazes deriving from participants' own research ("as long as they are suitable for low temperature").

All results will then be presented and shared with the class.



PROGRAM

DAY 01

21/05 | 7 hours | 9.00-17.00

Course presentation and working methods;
Theory and formulations - raw materials, oxides and frits;
Show sampling of 7 - 8 glazes and choice of first base / from 7 - 8 provided by the association or brought by participants and presented to the class;
Formulation;

DAY 02

22/05 | 7 hours | 9.00-17.00

Weighing and glazing of artefacts;
First firing;

DAY 03

23/05 | 7 hours | 9.00-17.00

Kiln unloading and evaluation of results / defects and explanations;
Corrections and or changes to first day's formulas / or new formulation;
Weighing and glazing of the artefacts;
Second firing;
Visit to host company;

DAY 04

24/05 | 7 hours | 9.00-17.00

Firing and evaluation of results / defects and explanations;
Corrections and or changes to second day's formulas / or new formulation;
Weighing and glazing of artefacts;
Third firing;

DAY 05

25/05 | 4 hours | 9.00-13.00

Kiln unloading and evaluation of results;
Closing of the course at 13:00 .

INFORMATION

The workshop take place in the workroom of the Ceramic & Colours di Faenza in via Pana 34/1.
Languages: Italian, English