



Course guide

290254 - ARQTERR - Earth Architectures

Last modified: 13/06/2023

Unit in charge: Vallès School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).
Academic year: 2022 **ECTS Credits:** 5.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Palumbo Fernandez, Mariana
Others: Navarro Ezquerro, Maria Antonia
Cuchí Burgos, Alberto

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

This subject aims to make known the possibilities of raw earth as a material of current and future construction. We will explore the characteristics of the material and what it can be used for in the construction of the habitat from a multi-scalar approach, which will go from the properties from the material to the territory. The subject will include small experiences in the laboratory, visits to relevant examples and theoretical pills with the aim of discovering what the challenges are and the possibilities that the earth offers us.

CONTENTS

Earth mater. Properties and characterization

Description:
content english

Full-or-part-time: 2h
Practical classes: 2h

Types of earth and construction techniques

Description:
content english

Full-or-part-time: 2h
Practical classes: 2h



Rammed earth technology. Balaguer's theatre

Description:

content english

Full-or-part-time: 0h 30m

Practical classes: 0h 30m

Earth plasters: kinds, formulations and calculations

Description:

content english

Full-or-part-time: 1h

Practical classes: 1h

GRADING SYSTEM
