THE ACONMAT NETWORK IN THE UNIVERSITY DEGREES OF ARCHITECTURE AND TECHNICAL ARCHITECTURE: THE PROJECT BASED LEARNING METHOD AS A WORKING TOOL

C. Rizo-Maestre\(^1\), V. Echarri-Iribarren\(^1\), JL. San Juan-Palermo\(^1\), F. Echarri-Iribarren\(^2\)

\(^1\) University of Alicante (SPAIN)
\(^2\) University of Navarra (SPAIN)

Abstract

The ACONMAT project establishes a line of joint work between two subjects of different degrees: Technical Architecture and Architecture. This work has made possible to promote cooperation between teachers from different areas to help in the training of students. The common tool used as a nexus has been the Project Based Learning (PBL) method. This method gives the teacher-student relationship the possibility of planning the course objective in such a way that the student has an experience similar to the one that will be the work of his future training, encouraging self-learning, acquiring the competences corresponding to the subjects. In order to implement this proposal, two practices have been designed, one for each subject, to solve them using the PBL methodology. The proposals have been evaluated by the students. To this end, a survey has been designed for students to evaluate the experience developed in the subjects. This article is part of the dissemination of results obtained by the ICE network number 4270: "ACONMAT Network: Collaborative work between teachers of subjects of two branches of construction: materiality and conditioning" of the call for research networks project in university teaching during the academic year 2017-2018 of the University of Alicante.

Keywords: construction, materials, architecture, PBL