

COOP  
DESIGN  
RESEARCH

—  
M SC.  
PROGRAM

# TOWARDS AN EFFECTIVE COMMUNICATION BETWEEN DESIGN AND ENGINEERING TEAMS WITHIN ORGANIZATIONS

A NEW PROPOSAL FROM A DESIGNER'S PERSPECTIVE

—  
Author: Elena Martinez Robles



## ABSTRACT

Work in multidisciplinary teams has become a necessity in present times, where an effective communication and positive interactions are complex to achieve. Nevertheless, there is no known general method that can adequately help multidisciplinary teams achieve positive communication and interactions that lead to a successful achievement of organizational goals. Previous work has failed to address this problem in an efficient way by focusing only in very specific causes of the problem and not taking into account the real necessities of the professionals working in such teams.

The aim of the present thesis is to propose a 'Set of Recommendations' based on four different methodologies from different disciplines and taking into account the needs of professionals working in multidisciplinary teams in organizations developing high-tech projects in America and Asia.

For this last part, personal interviews were applied to professionals working in multidisciplinary teams from different disciplines, industries and countries, in order to collect data that will back up my recommendations and serve as a source for new recommendations that can fulfil some of their needs.

The resulting 'Set of Recommendations' will be applicable to multidisciplinary teams working in organizations developing high-tech projects by being flexible enough so each team can choose the tools that better fit for the team and the projects' nature.