



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Laboratorio 1 - Project management: strumenti e tecniche

2627-3-E1601N080

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#### Learning objectives

The Lab aims to offer students the typical knowledge to be able to deal daily with projects management, with the need to harmonize resources and time and, above all, to find sustainable and practicable solutions to the critical issues that emerge during the life cycle of a project.

##### **D1) Knowledge and understanding**

Knowledge and understanding of the fundamental principles of project management, the characteristics of the project life cycle, and the main tools used to initiate, manage, monitor, and complete a project.

##### **D2) Applying knowledge and understanding**

Ability to apply project management tools and techniques to the definition and development of a project idea, planning activities, timelines, and resources, and identifying feasible and sustainable solutions.

##### **D3) Making judgements**

Ability to critically assess a project's strengths, innovative elements, and potential critical issues, making reasoned choices among alternative management options.

##### **D4) Communication skills**

Ability to present a project idea clearly, concisely, and effectively, explaining its objectives, activities, timelines, resources, and main feasibility elements, including within a group-work context.

##### **D5) Learning skills**

Ability to independently acquire new project management tools and methodologies and adapt them to the characteristics and requirements of different project contexts.

#### Contents

- Definition of what a project is and what its typical and peculiar characteristics are;
- Application of tools and techniques to set up, manage, monitor and conclude a project (from the project idea to the project)
- Define the correct understanding key to identify the strengths, innovativeness and critical aspects of a project

## **Detailed program**

- Project definition: when is an activity a project?
- Key stakeholders and key questions of a project
- Sustainability e project management
- Be crative: ideas for a project - tools and methods
- Manage a project team
- Ganttchart and effective presentation of a project
- Development and final presentation of a project idea.

## **Prerequisites**

- Be enrolled in the 3rd year or more
- Have obtained 90 or more cfu (at the time of enrollment in the lab).
- Have the lab in the own study plan

## **Teaching methods**

Lectures – Group and individual exercises – Case studies

## **Assessment methods**

Evaluation of the suitability of the work done during the class.

## **Textbooks and Reading Materials**

References distributed during the course.

To know more:

G. Beltrami, Idea Journey Map, Franco Angeli

A. Bove, Project Management: la metodologie dai 12 step, Hoepli

ISIPM, Guida alle conoscenze di gestione progetti, Franco Angeli

## **Sustainable Development Goals**

QUALITY EDUCATION | INDUSTRY, INNOVATION AND INFRASTRUCTURE | SUSTAINABLE CITIES AND  
COMMUNITIES | CLIMATE ACTION

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