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# Project Management

**Professor:** Bruno Zami  
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## Objectives

At the end of the course students will be able to join any project at any time in its development:

1. Being versed in the PMBOK Guide
2. Having develop the following competences

### Transversal

- > Instrumental
  - Ability to apply knowledge to analyze situations and solve problems.
  - Ability to search and information management.
  - Skill in making decisions.
- > Inter-personals
  - Ability to work in team.
  - Ability to work in international and interdisciplinary contexts.
  - Leadership, coordination and initiative.

### Specific

- > Ability to write and develop projects in the field of specialty.
- > Ability to address the activities under projects within their specialty.
- > Ability to use computer applications (office automation, databases, advanced calculus, Project management, visualization, etc.) to support the development and operation of networks, services and applications in telecommunications and electronics.

## Description

Project Management (PM) is an introductory first-term course addressed to students from the business profile with a lack of experience and training in managing projects. PM follows the Project Management Institute (PMI) methodology and focuses in the management and implementation of Information Technology projects. A project refers to a temporary set of working tasks undertaken to create a unique product or service or to fulfil a specific goal. PM introduces concepts and techniques that make projects successful in terms of execution, duration, costs and objectives achievement. Examples of projects are the deployment of business intelligence software in a company, the purchasing of servers for content provider or launching a new service into an international market.

Project managers require a set of capabilities in terms of planning; goal definition; leadership; time control and management; risk analysis and decision taking that are also part of the course. PM will cover the basic tools, capabilities and knowledge required to successfully manage a project in all its phases.

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1. Introduction  
PM challenge
2. PM Simulation, Case study 1
3. PM Scope Time  
Simulation, Case study 2
4. Simulation discussing session 1
5. PM Cost Risk  
Project Risk Board Game
6. PM Quality  
PM Stakeholders
7. PM Executing, Monitoring & Controlling  
Decision Making
8. PM Business Process Approach
9. Simulation discussing session 2  
PM competencies
10. Leadership  
Know more Wrap-up

## Methodology

Project Management is highly practical and combines four different methodologies to achieve the objectives stated previously:

- > Class discussions devoted to some of the basic concepts on PM.
- > Case analysis.
- > Activities of role-playing, games and labs to develop skills and capabilities for project managers.
- > Project simulation, to put in practice part of the contents presented in class discussions.

All these activities aim to give the student many different opportunities to demonstrate his understanding of the subject and reinforce the assimilation of the basic concepts.

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## Evaluation criteria

The evaluation criteria have three main components:

1. Project Simulation (40%), according to the decisions taken and the performance obtained.
2. Continuous assessment (20%). At the beginning of each class, the student will answer a quiz following the same evaluation methodology as in the PMI
3. Final written examination (40%). At the end of the term the final examination will include a case analysis as well as a quiz similar to the ones used in the continuous assessment.
4. Non-binding activities:
  - a. Case report: There will be a report based on the cases discussed during the term.
  - b. Exercises: Students will have the possibility to upload their solutions to exercises available in the virtual classroom
  - c. Know more: Students will have the opportunity to present a subject in relation with Project Management

**[Note: A minimum mark of a 60% in the final written examination is required to pass the course. The final grade is obtained after increasing the result from mandatory activities. This increase can vary from 0% to 5% and depends on the non-binding activities.]**

### **IMPORTANT**

"Students are required to attend 80% of classes. Failing to do so without justified reason can have important consequences in your final grade.

As with all courses taught at the UPF Barcelona School of Management, students who fail the course during regular evaluation will be allowed ONE re-take of the examination/evaluation. If the course is again failed after the re-take, students may have to register again for the course the following year.

**Plagiarism** is to use of another's work and to present it as one's own without attributing the sources in the correct way. All essays, reports or projects handed in by a student must be original work completed by the student. By enrolling at a Barcelona School of Management Master of Science and signing the "Honour Code," students acknowledge that they understand the Barcelona School of Management's policy on plagiarism and certify that all course assignments will be their own work, except where indicated by correct referencing. Failing to do so may result in automatic expulsion from the program."

## **Bio of the professor**

PhD, PMP certified, is a freelance Project Manager since 2011. He is currently giving support services to Fusion for Energy in a Business Process Reengineering activity. From 2009 until 2014

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He worked as an associate Professor at Pompeu Fabra University where he taught Project Management to final year engineer students.

Prior to this, Bruno worked during almost 10 years in the automotive industry and in many different areas, from research to production. He worked for constructors' company like Renault, Nissan and Ford or engineering companies such as ASM Automation Robotics Engineering and Idiada Automotive Technology.

Bruno is French and speaks fluently Spanish, Catalan and English and has an intermediate level in German.

He has been an active member of the PMI Barcelona Spain Chapter, from 2008 to 2011.