

## International project management

Level : L1  L2  L3  M1  M2

Curriculum : Master's programme in Management – International semester

Academic year: 2018-2019

### Description

**Place** : Annecy

**Term**: Fall semester

### ECTS

5

### Course overview and aims

Project management has been proven to be the most effective method of delivering products within cost, schedule, and resource constraints. This course gives students the skills to ensure projects are completed on time and on budget while giving the user the product they expect.

The students are given a strong knowledge of the basics of project management and should be able to use that knowledge effectively.

The course goals are :

- to acquire an understanding of the key terms, definitions, and concepts used in project management
- to know history of project management and organizational implementation
- to understand how implement effective project management practices : scope, schedule, budget and risks planning

At the end of the course students are able to identify and manage the project scope, build a work breakdown structure, schedule the project, create the project budget, define and allocate resources, create a project plan to manage the project development, and identify and manage risks.

### Pre requisite

Basics of management and human resource management

### Plan / Course content

Topics on scope : Introduction, key terms and definition, history of project management, context and environment, general process, scope management, time management, costs management, risk management, human resources in project management (**NB**: Out of scope: cultural differences and agility).

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- Course Chapters
  - Standards of PM (PMI, IPMA, PRINCE 2...) / introduction
  - Fundamentals / key terms and definition
  - history of project management
  - context and environment / organizational structure
  - Actors
  - General Process of project management
  - Project plan / scope management / Work breakdown Structure
  - Scheduling : Pert Diagram, sequencing, critical path, resources allocation
  - Budget development : estimation methods, economic model, cost control methods
  - Risk management
- For each concept, the theory will be complemented with practical examples. The course is structured on class sessions, individual and team works. Tutorials on WBS / scheduling / cost control and risk management. Case studies and/or project manager interviews are proposed.

### Learning outcomes

- Basic culture of project management history
- Implementing a project into an organization
- Defining the scope and deliverables of a project
- Scheduling a project
- Controlling a project

### Literature

- International Project Management Association (2006). *ICB - IPMA Competence Baseline*, Version 3.0, IPMA. ISBN 0 9553213 0 1.
- Baars, Wouter (2006). *Project Management Handbook (open source)*, version 1.1, Editat-KNAW. ISBN 90 6984 496 6.
- Lewis, James (2002). *Fundamentals of Project Management*, 2nd ed., American Management Association. ISBN 0-8144-7132-3.
- <http://www.ipma.ch>
- [www.pmi.org](http://www.pmi.org)
- [www.prince2.com](http://www.prince2.com)