

Hands-on course , 5
day(s)
Ref : PPC

Participants

Everyone whose function is project management.
Everyone who wants to be PMP or CAPM certified.

Pre-requisites

Good knowledge in project management tools and techniques. Project management experience and good level of English for the PMP examination. Candidates should look at the PMP eligibility conditions on the PMI webpage (www.pmi.org).

2020 Price : 2990€ excl. VAT

Next sessions

SOPHIA-ANTIPOLIS

feb. 17 2020

PMI, Project Management overview

OBJECTIVES

PMI is the world's leading not-for-profit membership association for the project management profession, with more than half a million members and credential holders in 185 countries. PMI worldwide advocacy for project management is supported by PMI globally-recognized standards and credentials, an extensive research program, and professional development opportunities.

1) Introduction

2) Project Management Framework

3) Project dynamics: processes and process groups

4) Domains and techniques

5) Ethics and professional responsibility

6) Advice concerning PMP credentials

Presenter

Frédéric DESOMBRE

He has many experiences as project manager. He worked for Air Liquid during 16 years, including 3 years experience as General Manager (IT) in Singapore. His main fields are Project Management, Project planning, UML users requirement, UML project modeling, Statement of requirements, Change Management. He also has a 18 years experience as instructor. In 2005 he passed the Project Management Professional Certification and is now PMP Preparation course Instructor.

Workshop

Exercises on various tools and techniques are proposed to participants in order to deeply understand the theoretical concepts. Questions are asked at the end of each chapter. Participants will get an electronic version of the PMBOK, "A Guide to the Project Management Body of Knowledge" (4th Edition).

1) Introduction

- Project and project management.
- PMI. Credentials and norms. Normalized definitions.

2) Project Management Framework

- Stakeholders.
- Phases and lifecycle. Product and project. Programs and phases.
- Environmental context.
- Organisational aspect and their impact.
- Knowledge domains. Process mapping.
- Enterprise environmental factor.
- Organizational assets.

3) Project dynamics: processes and process groups

- Initialisation, planning, execution, monitor and control, closing.

4) Domains and techniques

- Integration management. Project Chart, Management plan, Integrated change control, techniques (project selection, benefit-cost ratios, earned value).
- Scope management. Planning, definition and verification, change control. Technique (WBS).
- Time management. Definition, activities, estimation of resources and duration, schedule. Techniques (GANTT, CPM, MonteCarlo).
- Cost management. Estimation, budget, control.
- Quality management. Planning, Quality Insurance and control. Techniques (control chart, Pareto chart, Ishikawa).
- HR management. Planning, Organisation, Acquisition, development, management. Technique (RACI, teambuilding).
- Communication management. Planning, distribution, Report performance.
- Risk management. Planning, identification, qualitative and quantitative analysis, response plan. Techniques (Monte Carlo, Register).
- Procurement management. Planning, contract types, Bid, administration, closing.

5) Ethics and professional responsibility

- PMI's Code of Ethics and Professional Conduct.

6) Advice concerning PMP credentials

- Bibliography.
- How to register.
- How to get prepared for the exam.

- Exam sequence and Types of questions. At the end of each chapter there is a questionnaire. More than 120 questions are asked to participants. Many exercices are proposed during the session. At the end of the week, a session is organised with an exam simulator. The closing session concerns the exam preparation (method, organisation, pitfall).