



# Project Management Fundamentals

Fondamenti di Project Management  
2023

**PART 0 – SEMINAR SYLLABUS**

# Seminar syllabus

## DAY 1:

**PART 1 – INTRODUCTION TO PROJECT MANAGEMENT**

**PART 2 – METHODOLOGY 1<sup>ST</sup> – APPROACH AND INITIATING**

**PART 3 – METHODOLOGY 2<sup>ND</sup> – PLANNING**

**PART 4 – GROUP ASSIGNMENT 1<sup>ST</sup>**

## DAY 2:

**PART 5 – GROUP ASSIGNMENT REVISION**

**PART 6 – METHODOLOGY 3<sup>RD</sup> – EXECUTION AND MONITORING**

**PART 7 – METHODOLOGY 4<sup>TH</sup> – CLOSING**

**PART 8 – GROUP ASSIGNMENT 2<sup>ND</sup> EXECUTION RPG**

**PART 9 – HORIZON-EURATOM PERIODIC REPORT – COMPARISON**

**PART 10 – COMMUNICATION FOR ENGINEERS**

# Seminar Part 1 Topics

## **PART 1 – INTRODUCTION TO PROJECT MANAGEMENT**

- 1) Project Management origins**
- 2) Definitions**
- 3) Ancient Project Management History**
- 4) The Project Manager**
- 5) Recent Project Management History**
- 6) Predictive approach**
- 7) V.U.C.A.**
- 8) LEAN Thinking**
- 9) Agile approach**
- 10) Organizations that support projects**
- 11) Associations / Certifications / Standards**

## Seminar Part 2 Topics

### **PART 2 – METHODOLOGY 1<sup>ST</sup> – APPROACH AND INITIATING**

- 1) Methodology Options**
- 2) Predictive approach**
- 3) The Project Manager**
- 4) The Project Team**
- 5) Project Life-Cycle**
- 6) Project Start**
- 7) Stakeholders**

## Seminar Part 3 Topics

### **PART 3 – METHODOLOGY 2<sup>ND</sup> – PLANNING**

- 1) Project Life-Cycle**
- 2) WBS**
- 3) P.E.R.T.**
- 4) Critical Path**
- 5) Milestones**
- 6) GANTT**
- 7) Baseline**
- 8) Costs**
- 9) Risks**
- 10) A glimpse on software**

## Seminar Part 4 Topics

### **PART 4 – GROUP ASSIGNMENT 1ST**

- 1) Assignment Specs
- 2) Teams
- 3) Project Charter 1
- 4) Project Charter 2
- 5) Project Charter 3

## Seminar Part 5 Topics

### PART 5 – GROUP ASSIGNMENT REVISION

- 1) Team 1
- 2) Team 2
- 3) Team 3

## Seminar Part 6 Topics

### **PART 6 – METHODOLOGY 3<sup>RD</sup> – EXECUTION AND MONITORING**

- 1) Project Life-Cycle**
- 2) Project Team**
- 3) Execution**
- 4) WIP**
- 5) Costs**
- 6) Monitoring Project**
- 7) Project Drift**
- 8) Risk response**
- 9) Project Crash**
- 10) Communication Plan**



## Seminar Part 7 Topics

### **PART 7 – METHODOLOGY 4<sup>TH</sup> – CLOSURE**

- 1) Close a Project**
- 2) Lessons Learned**
- 3) What happen next?**

## Seminar Part 8 Topics

### PART 8 – GROUP ASSIGNMENT 2<sup>ND</sup> EXECUTION RPG

#### 1) Project Execution simulation

## Seminar Part 9 Topics

### **PART 9 – HORIZON-EURATOM PERIODIC REPORT – COMPARISON**

#### **1) A glance into the periodic report**

# Seminar Part 10 Topics

## PART 10 – COMMUNICATION FOR ENGINEERS

- 1) Why so important
- 2) Communication model
- 3) Cultural intelligence
- 4) Representational modes
- 5) NLP Communication model
- 6) Goal settings
- 7) Fundamentals of negotiations
- 8) Motivation
- 9) Spiral Dynamics
- 10) ...

## PART 0 – SEMINAR SYLLABUS

Thank you for your attention

