# ULTIMATE PROJECT MANAGEMENT TRAINING FOR THE PMP® EXAM

(Online course name: **PMP Certification: 35+ PDU Formal PMP Exam Prep _New PMP ECO**)

**Course Duration:** 42 Hours (Technical: 28 Hours / Leadership: 7 hours / Strategic: 7 hours)
**Lecturer:** Sabri CALISICI, PMP

## - COURSE OUTLINE –

## Course content and objectives:

This course includes concepts of project management. By signing up this course, you will be very well prepared for the PMP (Project Management Professional) exam. This course tells the theoretical concepts of project management in detail as other PMP courses. What differs this course from other PMP courses is its examples and real-life samples for the concepts described during the course.

YOU WILL BE ABLE TO UNDERSTAND THE PROJECT MANAGEMENT CONCEPTS EASILY WITH REAL-LIFE EXAMPLES.

In each section, information and definition of the topics are covered and followed by real-life project examples in order to illustrate the concepts better. Each section includes several questions and these questions are answered with explanations in videos. Also, quizzes and practice exams are available at the end of each lecture/section.

This course is compatible with PMBOK® Guide 6th Edition, PMBOK® Guide 7th Edition, and the Agile Practice Guide®!

This course also covers all the tasks under the following three domains:

People

Process

Business Environment

ALL THE PREDICTIVE, AGILE, AND HYBRID SUBJECTS ARE INCLUDED!

Please note that, besides the technical content, this course covers lectures about leadership and strategy management concepts (this content can be found mostly at the beginning and end of each section). For this reason, if you are a PMP already, you will be able to claim **28 Technical PDUs, 7 Leadership PDUs and 7 Strategic PDUs** after completing this course.

## LESSON 01: PROJECT MANAGEMENT BASICS

1) INTRODUCTION
2) PROJECT, PORTFOLIO, AND PROGRAM
3) PROJECT MANAGEMENT
4) PROGRAM AND PORTFOLIO MANAGEMENT
5) ORGANIZATIONAL PROJECT MANAGEMENT
6) OPERATION VS PROJECT
7) PROJECT MANAGEMENT OFFICE
8) ORGANIZATIONAL GOVERNANCE AND PROJECT GOVERNANCE
9) ORGANIZATIONAL STRUCTURE
10) ADVANTAGES AND DISADVANTAGES OF THE MAJOR ORGANIZATIONAL STRUCTURE TYPES
11) PROJECT MANAGER
12) STAKEHOLDERS
13) PROJECT SPONSOR/INITIATOR
14) PROJECT TEAM
15) FUNCTIONAL (RESOURCE) MANAGER
16) ROLE OF THE PROGRAM MANAGER AND THE PORTFOLIO MANAGER
17) THE PROJECT MANAGEMENT PROCESSES AND THE PROJECT LIFE CYCLE
18) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 02: FREQUENTLY USED ITTO'S

1) ORGANIZATIONAL PROCESS ASSETS
2) ENTERPRISE ENVIRONMENTAL FACTORS
3) ASSUMPTION LOG
4) WORK PERFORMANCE DATA, WORK PERFORMANCE INFORMATION AND WORK PERFORMANCE REPORTS
5) EXPERT JUDGMENT
6) DATA GATHERING, DATA ANALYSIS AND DATA REPRESENTATION
7) PROJECT MANAGEMENT INFORMATION SYSTEM
8) ONE-POINT, ANALOGOUS, PARAMETRIC, THREE-POINT AND BOTTOM-UP ESTIMATING
9) DECISION MAKING
10) INTERPERSONAL AND TEAM SKILLS
11) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 03: KNOWLEDGE AREAS AND PROCESS GROUPS

1) INTRODUCTION
2) PROCESSES
3) PROCESS GROUPS
4) KNOWLEDGE AREAS
5) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 04: BEFORE THE PROJECT IS CHARTERED

1) INTRODUCTION
2) PROJECT SELECTION METHODS
3) INTERNAL RATE OF RETURN
4) PAYBACK PERIOD
5) COST-BENEFIT ANALYSIS
6) PRESENT VALUE
7) NET PRESENT VALUE
8) HOW TO SELECT THE PROJECT
9) ACCOUNTING TERMS TO KNOW
10) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 05: INTEGRATION MANAGEMENT

1) INTRODUCTION
2) TAILORING PROJECT INTEGRATION MANAGEMENT
3) ABOUT THE INTEGRATION MANAGEMENT
4) WHAT IS PROJECT CHARTER?
5) BUSINESS CASE
6) IMPORTANT NOTES ON DEVELOP PROJECT CHARTER PROCESS
7) WHAT IS PROJECT MANAGEMENT PLAN?
8) PERFORMANCE MEASUREMENT BASELINE
9) CHANGE MANAGEMENT PLAN
10) CONFIGURATION MANAGEMENT PLAN
11) IMPORTANT NOTES ON DEVELOP PROJECT MANAGEMENT PLAN PROCESS
12) DIRECTING AND MANAGING THE PROJECT WORK
13) IMPORTANT NOTES ON DIRECT AND MANAGE PROJECT WORK
14) HOW TO MANAGE THE PROJECT KNOWLEDGE?
15) IMPORTANT NOTES ON MANAGE PROJECT KNOWLEDGE PROCESS
16) MONITORING AND CONTROLLING THE PROJECT WORK
17) IMPORTANT NOTES ON MONITOR AND CONTROL PROJECT WORK
18) PERFORM INTEGRATED CHANGE CONTROL
19) HOW TO DEAL WITH CHANGES?
20) IMPORTANT NOTES ON PERFORM INTEGRATED CHANGE CONTROL PROCESS
21) HOW TO CLOSE THE PROJECT (OR PHASE)?
22) BENEFITS MANAGEMENT PLAN
23) AGILE CONSIDERATIONS
24) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 06: SCOPE MANAGEMENT

1) INTRODUCTION
2) PLANNING SCOPE MANAGEMENT
3) COLLECTING REQUIREMENTS

4) DEALING WITH COMPETING REQUIREMENTS AND BALANCING
5) HOW TO DEFINE THE PROJECT SCOPE?
6) CREATING WORK BREAKDOWN STRUCTURE
7) WBS DICTIONARY
8) SCOPE BASELINE
9) THE BIG PICTURE OF THE SCOPE MANAGEMENT
10) VALIDATING PROJECT SCOPE
11) HOW TO CONTROL THE SCOPE?
12) AGILE CONSIDERATIONS
13) TAILORING SCOPE MANAGEMENT
14) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 07: SCHEDULE MANAGEMENT

1) INTRODUCTION
2) WE NEED TO PLAN SCHEDULE MANAGEMENT
3) HOW SHOULD WE DEFINE THE ACTIVITIES?
4) SEQUENCING THE ACTIVITIES
5) DRAWING A NETWORK DIAGRAM
6) ESTIMATION TECHNIQUES
7) THREE POINT ESTIMATING TECHNIQUE
8) NOW WE CAN ESTIMATE THE ACTIVITY DURATIONS
9) ESTIMATING PROCESSES: IMPORTANT POINTS
10) DEVELOP SCHEDULE
11) CRITICAL PATH METHOD
12) CRITICAL PATH METHOD CALCULATIONS
13) SCHEDULE COMPRESSION
14) SIMULATION
15) RESOURCE OPTIMIZATION
16) CONTROLLING THE PROJECT SCHEDULE
17) AGILE CONSIDERATIONS
18) TAILORING SCHEDULE MANAGEMENT
19) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 08: COST MANAGEMENT

1) INTRODUCTION
2) PLANNING COST MANAGEMENT
3) ESTIMATING PROJECT COSTS
4) HOW TO DETERMINE THE PROJECT BUDGET
5) EARNED VALUE ANALYSIS / ACRONYMS, TERMS AND FORMULAS
6) EARNED VALUE ANALYSIS / BASIC PRINCIPLES
7) EARNED VALUE ANALYSIS / EVM In Deep
8) CONTROLLING PROJECT COSTS
9) AGILE CONSIDERATIONS

3)  PLANNING RISK MANAGEMENT
4)  RISK CATEGORIZATION
5)  HOW DO WE IDENTIFY THE RISKS?
6)  QUALITATIVE RISK ANALYSIS
7)  QUANTITATIVE RISK ANALYSIS
8)  EXPECTED MONETARY VALUE ANALYSIS
9)  DECISION TREE ANALYSIS
10) PLAN RISK RESPONSES
11) CONTINGENCY RESERVE CALCULATIONS
12) IMPLEMENTING RISK RESPONSES
13) HOW TO MONITOR THE PROJECT RISKS?
14) AGILE CONSIDERATIONS
15) TAILORING RISK MANAGEMENT
16) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 13: PROCUREMENT MANAGEMENT

1)  INTRODUCTION
2)  CONTRACTS AND AGREEMENTS
3)  HOW TO PERFORM THE PROCUREMENTS
4)  ROLES OF THE PROJECT AND PROCUREMENT MANAGERS
5)  CONTRACT TYPES
6)  RISKS ACCORDING TO THE CONTRACT TYPES
7)  CALCULATIONS RELATED TO CONTRACTS
8)  PLANNING PROCUREMENT MANAGEMENT
9)  MAKE-OR-BUY ANALYSIS
10) CONDUCTING PROJECT PROCUREMENTS
11) CONTROLLING PROJECT PROCUREMENTS
12) AGILE CONSIDERATIONS
13) TAILORING PROCUREMENT MANAGEMENT
14) LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 14: STAKEHOLDER MANAGEMENT

1)  INTRODUCTION
2)  FIRST THINGS FIRST: IDENTIFY THE STAKEHOLDERS!
3)  STAKEHOLDER ENGAGEMENT PLAN
4)  WE NEED TO MANAGE STAKEHOLDER ENGAGEMENT
5)  MONITORING STAKEHOLDER ENGAGEMENT
6)  AGILE CONSIDERATIONS
7)  TAILORING STAKEHOLDER MANAGEMENT
8)  LET'S DISCUSS WHAT WE HAVE LEARNED

## LESSON 15: AGILE PROJECT MANAGEMENT

1) INTRODUCTION
2) WHY DO WE NEED AGILE?
3) INDIVIDUALS AND INTERACTIONS OVER PROCESSES AND TOOLS
4) WORKING SOFTWARE OVER COMPREHENSIVE DOCUMENTATION
5) CUSTOMER COLLABORATION OVER CONTRACT NEGOTIATION
6) RESPONDING TO CHANGE OVER FOLLOWING A PLAN
7) TWELVE PRINCIPLES

## LESSON 16: UNDERSTANDING AGILE APPROACHES

1) AGILE APPROACHES
2) LEAN
3) KANBAN
4) SCRUM

## LESSON 17: HOW TO SELECT THE PROJECT LIFE CYCLE

1) CONSIDERING UNCERTAINTY AND RISK
2) THE PROJECT LIFE CYCLES
3) PREDICTIVE LIFE CYCLE
4) ITERATIVE LIFE CYCLE
5) INCREMENTAL LIFE CYCLE
6) AGILE LIFE CYCLE
7) HYBRID LIFE CYCLES
8) CHOOSING THE MOST SUITABLE LIFE CYCLE
9) DESIGNING A HYBRID LIFE CYCLE
10) HOW TO BLEND AND TAILOR THE AGILE APPROACHES
11) TAILORING CONSIDERATIONS

## LESSON 18: AGILE TEAMS

1) AGILE MINDSET AND AGILE TEAMS
2) SERVANT LEADER
3) PROJECT MANAGER AS A SERVANT LEADER
4) CHARACTERISTICS OF AGILE TEAMS
5) ROLES IN AGILE ENVIRONMENTS
6) TEAM STRUCTURES IN AGILE ENVIRONMENTS

## LESSON 19: IMPLEMENTING AGILE PROJECT MANAGEMENT

1) AGILE PROJECT CHARTER AND TEAM CHARTER
2) BACKLOG
3) SPIKES
4) PLANNING FOR THE FOLLOWING ITERATION
5) DAILY STANDUP MEETINGS

6) REVIEWS AND DEMONSTRATIONS
7) RETROSPECTIVES AND RETROSPECTIVE FINDINGS
8) FREQUENT VERIFICATION AND VALIDATION
9) TRACKING IN ITERATION-BASED AGILE
10) TRACKING IN FLOW-BASED AGILE
11) LITTLE'S LAW
12) EVM IN AGILE ENVIRONMENTS
13) PROCUREMENTS IN AGILE ENVIRONMENTS
14) AGILE PMOs

## LESSON 20: CONSIDERING THE BUSINESS ENVIRONMENT

1) INTRODUCTION
2) HOW TO MANAGE COMPLIANCE?
3) HOW TO REALIZE BENEFITS AND GAIN VALUE?
4) CHANGE WITHIN THE BUSINESS ENVIRONMENT

## LESSON 21: 7th EDITION EXTENSION

1) INTRODUCTION
2) EIGHT PERFORMANCE DOMAINS
3) STAKEHOLDER ENGAGEMENT
4) THE TEAM
5) CREATING AN EFFECTIVE PROJECT TEAM CULTURE
6) THE CORE LEADERSHIP SKILLS FOR PROJECT SUCCESS
7) TAILORING CONSIDERATIONS FOR LEADERSHIP STYLES
8) PROJECT LIFE CYCLE AND DEVELOPMENT APPROACH
9) PLANNING
10) THE PROJECT WORK
11) DELIVERY
12) MEASURING PROJECT PERFORMANCE
13) DEALING WITH AMBIGUITY, VOLATILITY, AND COMPLEXITY
14) DEALING WITH RISKS
15) THE TAILORING CONCEPT
16) INTRODUCTION TO STRATEGIES, TECHNIQUES, AND ARTIFACTS
17) LEADERSHIP MODELS
18) MOTIVATION MODELS
19) PROJECT TEAM DEVELOPMENT MODELS
20) COMMUNICATION MODELS
21) CHANGE MODELS
22) OTHER MODELS

**LESSON 22: 'PLEASE DON'T FORGET' CONCEPTS**

23) INTRODUCTION
24) PREDICTIVE ENVIRONMENT
25) AGILE ENVIRONMENT

**LESSON 23: CODE OF ETHICS AND PROFESSIONAL RESPONSIBILITY**

1) INTRODUCTION
2) CODE OF ETHICS AND PROFESSIONAL RESPONSIBILITY

**END-OF-COURSE ASSESSMENT**