



## ***WAP: Waterfall vs Agile Project Management***

**Objective:** Managing projects requires more than technical knowledge and experience. It also demands a firm understanding of the practical nature and problems of the projects, the ability to apply project management knowledge, tools and techniques to facilitate task execution, and good team-building skills. In addition, a competency of applying the right project management approach which is waterfall, incremental, iterative or agile is recently important for project managers to respond to customer expectation and project context.

The course is designed for project managers or team members to be mastery in waterfall and agile project management. The participants will be equipped with both project management knowledge and skills.

**Who Should Attend:** People who work in project-based or stake in projects which are

- Project Manager
- Project Team Leader
- Project Coordinator
- Project Team Members

**Course Benefits:** Participants will learn how to:

- Select the right project management approach for projects
- Setup projects and customize the proper tools and techniques to meet project size and complexity
- Plan, organize and monitor projects effectively in order to deliver quality systems within time and budget
- Proactively identify project risks and plan proper risk responses
- Effectively apply Agile practice in projects

**Duration:** 5 days (30 hours), 09:00 – 16:00

**PMI Skills:** Ways of Working 30 PDUs

**Training Date:** See Training Schedule on [www.knowledgertraining.com](http://www.knowledgertraining.com)

**Venue:** Jasmine City Hotel, Soi Sukhumvit 23, Asoke, Bangkok

**Method:** Lecture, workshops, group discussion

**Language:** Thai

**Instructors:** Paiboon Punyayuttakan PMP, CISSP, CISA, IRCA, ITIL, Project+  
Arintra Punyayuttakan PMP, PMI-ACP, CSM, CSPO, LeSS, CSQA, CSTE, CSPM, MCTS (Microsoft Project)

**Registration:** Fill in the Registration Form in Training Schedule page of [www.knowledgertraining.com](http://www.knowledgertraining.com)

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**Equipment:** Clients to prepare a laptop computer installed Microsoft Project Desktop for Day 3 of the training

**Course Outline: Waterfall vs Agile Project Management**

**Day 1**

- Introduction to Project
  - Project Manager and Innovator
  - Characteristic of Project
  - Output & Outcome
  - Components of Project Success
  - 5 Competencies of Professional Project Manager
- Project Management
  - Project Life Cycle
  - Project Management Knowledge Areas
  - Project Management Processes
  - *Workshop : Project Management Processes Group*
- Business Case / Project Charter
  - Start with Business Case
  - Why Project Charter?
  - Project Objectives
  - Assumption & Constraints
  - *Project Scenario & Business Case Workshop*
- Project Stakeholder Management
  - Why Project Stakeholder Management?
  - Identify Stakeholders
  - Project Stakeholders
  - Manage Stakeholder Expectation
  - Stakeholder Strategies
  - *Project Scenario & Stakeholder Analysis Workshop*

**Day 2**

- Project Scope Management
  - Source of Requirements
  - Requirement Gathering Techniques and Implementation
  - Good Characteristics of Requirements Specification
  - Create Work Breakdown Structure (WBS)
  - *Project Scenario & WBS Workshop*
- Project Schedule Management
  - Activities Sequencing & Dependency
  - Project Scheduling
  - Overview Critical Path Method (CPM)
- Project Risk Management
  - Sense of Managing Risk
  - Risk Management Planning
  - Risk Identification Techniques
  - Risk Assessment

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- Key Risk Indicator (KRI) & Risk Trigger
- Risk Response Planning
- Risk Monitoring and Control
- Risk Profile
- *Project Scenario & Risk Management Workshop*

### Day 3

- Project Cost Management
  - Estimate Cost Activity
  - Develop Cost Baseline (S-Curve)
- Project Schedule Tracking & Reporting with Microsoft Project
  - Setup Project Parameter in Microsoft Project
  - Create WBS in Microsoft Project
  - Identify Task Dependency in Microsoft Project
  - Setup Timescale in Microsoft Project
  - Assign Resource in Microsoft Project
  - Update & Calculate % Complete in Microsoft Project
  - Review Gantt Chart & Calculate %Complete with MS Project
  - Calculate %Complete Actual VS %Complete as Plan
  - Develop Slide Progress Report
  - *Microsoft Project Workshop (Project Schedule Tracking & Reporting)*

### Day 4

- Why Agile?
- *Workshop: Agile Value Proposition*
- Agile Values and Principle
  - Agile Mindset
  - Agile Manifesto
  - Triple of Constraints
  - Timeboxing
- Scrum Concepts and Principles
- Scrum Team Roles
  - Product Owner
  - ScrumMaster
  - Team
  - *Workshop: 100% Dedicated Team*
- Release Planning
  - Product Roadmap
  - *Project Scenario Workshop: Product Roadmap*
- The Definition of "Done"
- Scrum Process
  - Scrum Process Overview
- Backlog Refinement
  - Backlog Refinement
  - Product Backlog
  - How to Write User Stories

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- *Workshop: Why User Story*
- *Project Scenario Workshop: Writing User Stories*

### Day 5



- Prioritizing Value Techniques
- Minimal Viable Product (MVP)
- *Workshop: Slicing User Stories*
- Project Estimating
- *Project Scenario Workshop: Project Estimating*
- Sprint Planning
  - Sprint Planning
  - Sprint Backlog
- Daily Scrum
  - Daily Scrum
  - *Workshop: Daily Scrum*
- Tracking Team Performance
  - Burndown and Burnup Chart
- Sprint Review
- Sprint Retrospective

**Course Fee:** 36,900 Baht  
Early Bird 33,900 Baht - to be paid 2 weeks prior to training

(Baht)	Course Fee	VAT 7%	Total (No Withholding Tax)	Withholding Tax (3%)	Total with Withholding Tax
Normal Rate	36,900	2,583	39,483	1,107	38,376
Early Bird Rate	33,900	2,373	36,273	1,017	35,256

**Payment:** Transfer thru bank or pay cheque

1. By Cash – Please pay to the account name “บริษัท โนวเลตเจอร์ จำกัด”

Bank	Branch	Account Type	Account No.
	สาขาภิบาล 1 (บางบอน)	ออมทรัพย์	716-2-50476-7
	เซ็นทรัล พระราม 2	ออมทรัพย์	436-1-49772-2

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2. By Cheque – Please pay A/C Payee Cheque to “Knowledgeger Co., Ltd.” (“บริษัท โนวเลดเจอร์ จำกัด”)

To complete the registration process, please scan and email the pay-in slip and withholding tax slip (if any) to [info@knowledgegertraining.com](mailto:info@knowledgegertraining.com). Knowledgeger will acknowledge the registration to the registrant and the HR/coordinator emails provided.

หน่วยงานราชการและนิติบุคคล สามารถหักภาษี ณ ที่จ่ายได้ตามหลักเกณฑ์  
ที่อยู่ในการออกเอกสารใบหักภาษี ณ ที่จ่าย  
บริษัท โนวเลดเจอร์ จำกัด สำนักงานใหญ่ เลขประจำตัวผู้เสียภาษี 0105555106113  
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