



## Agile Project and Program Management

### Abstract

Moving into Agile methodologies changes the traditional Project Manager's role dramatically. While Project and Program managers still need to plan and track budget and progress (time and scope), Agile requires a new way of thinking and brings with it unique measurements and practices that the project manager needs to incorporate into his toolbox. This course will give an overview to Agile methodologies and provide project managers, program managers and executives with an understanding of how to work with Agile team to create better project and increase customer satisfaction.

### Target Audience

Executives, Program Managers, Project Managers.

### Prerequisites

None. Knowledge in Agile – an advantage.

### Course will cover:

- **The History of Agile**
    - The new project development game, Takeuchi & Nonaka (1986)
    - Agile frameworks (Scrum, XP, FDD, DSDM)
    - Project pains
    - Description of the general project management life cycle
  - **Introduction to Scrum**
    - Waterfall vs. Agile
    - Agile manifesto
    - The principle of Scrum
    - Product Owner
    - Scrum team
    - Scrum master
    - Stakeholders
  - **Agile Requirements**
    - The Backlog
    - User Stories
    - Done Criteria
    - Testing role in Agile
    - Estimating Requirements
    - Business Value
  - **Agile Planning**
    - Vision
    - Roadmap
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- Project Backlog
- Component Teams and Feature Teams
- Release Planning
- Continuous Planning
- Project Milestones
- **Lean Software Development**
  - Lean Principles
  - The Value Stream
  - The Seven Wastes
  - Just in Time
  - Building Quality In
  - Pull and Kanban
  - The Project Board
  - The Importance of Kaizen
  - The Project Manager's role in Lean
  - Lean Tools for Managing Projects
- **Visibility and Tracking**
  - Visual Management
  - The Project Board
  - Cumulative Flow
  - Agile EVM
  - Business Value Progress
- **Program Management**
  - Agile Portfolio Management
  - Prioritizing projects
  - The Portfolio Board
- **The Real Life**
  - Working with teams in multiple methodologies
  - Working with sales
  - RFPs and Contracts

## Duration

2 days (16 hours).

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