

INTRODUCTION TO THE KANBAN METHOD

Course code: AK407

Duration: 7 hours

Credits: 7 CEUs/7 PDUs

Course description

Participants will be introduced to the basic principles of Kanban and how it can be used in managing projects. They will better understand the benefits of this method for tracking work including those derived from using a “pulled flow” approach and low levels of work in progress.

Target audience

This course is intended for project managers, team members and anyone interested in learning more about the operation and application of the Kanban method.

Course objectives

- Learn how to create various types of Kanban boards
- Understand the operating rules of the drawn workflow
- Assimilate the benefits linked to the low level of work in progress and its impact on cycle times

Course Outline

Module 1: Introduction to the Kanban method

- Origins of the Kanban method
- Objectives
- Definitions: Board, Cards, Classes

Module 2: Kanban and workflow

- “Pushed” vs. “Pulled” workflows
- Work in progress (WIP) levels vs. cycle time
- Benefits of short cycle times and low WIP
- *Workshop: Simulating “pushed” vs. “pulled” flows*

Module 3: Usage of Kanban

- How to read a Kanban
- How to use Kanban effectively
- Designing a Kanban
- Managing issues and blockages

Module 4: Kanban metrics

- *Workshop: Performance measures*
- Cycle time and lead time
- Little’s Law
- Workflow efficiency
- Pace