

Agile Software Development Methods (ISPIC Cert) _(1 Day)

This tutorial covers Application Knowledge Area (AKA) #7 of the International Software Process Improvement Certification (ISPIC) requirements.

Agility is not a fancy word for hacking. It is a disciplined approach to iterative and incremental development. In this course, we will explore all of the disciplines of Agility, and look at how to make an Agile approach one of the options in your Organizational Set of Standard Processes (OSSP).

After completing this course, you will be able to:

- Discuss the philosophical underpinnings of Agility
- Compare and contrast Agility with other approaches
- Describe the practices that comprise the Agile approach
- Judge the suitability of Agility for your organization

Who should attend this course?

- Managers of software development
- Specialists in software development processes and quality assurance

Course Outline:

Day 1

- The values, principles and philosophies that underpin Agility
- Contrasting Agility with other software development methods
- The iterative and incremental lifecycle
- Progressive requirements elaboration
- Iterative planning and adaptation
- Incremental product delivery
- Coaching self-directed teams
- Agile project monitoring
- Welcoming project change
- Interpreting Agile practices relative to reference models
- Criticism