PER-204 Agile Project Management: the fundamentals
Duration: 1 day
Trainer: Martin Goyette

TRAINING DESCRIPTION
Evaluate the relevance of implementing an Agile development process in your organization or development team
Optimize software development through the Agile development process

LEARNING OBJECTIVES
At the end of this training, the participant will be able to:
- Understand the context behind the meteoric rise of the Agile movement;
- Identify the most popular Agile methods, values and underlying principles;
- Explore new engineering practices associated with agility that have a significant impact on productivity and the quality of development;
- Identify in which context Agile development can add value.

METHODOLOGY
Several learning methods and didactic tools to measure the progress and integration of concepts by the participants are used throughout the training.
Presentations and discussions (75%); sub-group exercises (25%)

CONTENT

TRADITIONAL METHODS AND THEIR LIMITATIONS

THE FOUNDATIONS OF AGILE METHODS

THE AGILE MANIFESTO, ITS VALUES, PRINCIPLES AND 10 YEARS OF HISTORY DIFFERENT AGILE METHODS:
- Extreme Programming (XP): Twelve engineering practices that have pushed the limits of software quality and the simplicity of its development;
- Scrum: A very popular method of project management with its 3 roles, 4 ceremonies and 3 artefacts;
- Overview: Lean Software Development, Kanban, Scrumban, Agile Portfolio Management (APM).

THE AGILE PROMISE AND WHAT WILL CHANGE
HOW TO START:
- Where to start?
- Which company? Which method?
- What practice?
- Which project?
- Which team?

TARGET AUDIENCE

This training is aimed at all people wishing to learn about a development process based on the agile philosophy. More specifically, people exercising the roles of project manager, architect, analyst, programmer or quality assurance specialist will particularly benefit from the training.