QUICKSTART
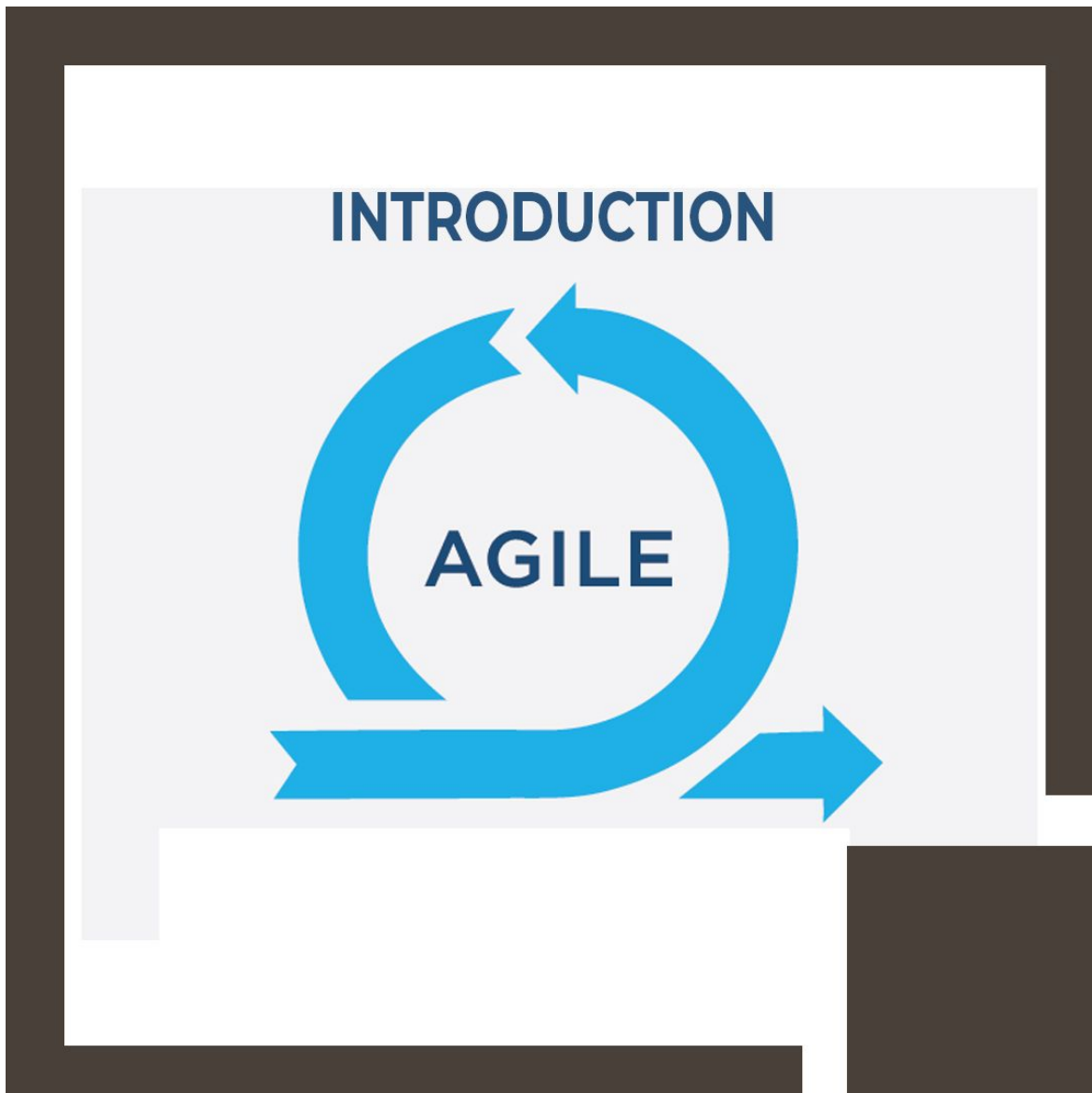## Over 35 Years Of Technology Training

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Learning Style: Virtual Classroom

Technology:

Difficulty: Beginner

Course Duration: 1 Day

Introduction to Agile Development | A Non-Technical Overview (TT3550)

About this course:

Agile Development Understanding is a discussion and lecture workshop intended to furnish project partners with a top to the bottom overview of Agile Development. Understudies will discover these methodologies in detail while developing gratefulness for the worth that Agile Development can bring to the table.

At the point when another functionality or new system for an existing framework must be made and operational in days instead of months, the old cascade forms become a bottleneck. These methods of Agile Development create low-imperfection, top-notch applications that are implemented to put it fixed time, plainly periods. Emphasizing the involvement of the users and the lightweight procedure, the agile methodologies offer an elective strategy to the improvement of the software.

The normal pay of an Agile Developer is $69,886 every year.

Course Objective:

- The concept of the Agile Manifesto and development agility
- Every one of the major agility advancement techniques underscoring their weakness and qualities.
- The most effective method to deal with an agile condition even within an organized authoritative methodology.
- The most effective method to introduce agility into an advancement association.
- Reducing Risk Through Agility
- The Discipline of Timeboxing
- Incremental Delivery and Evaluation
- Agile Method: Scrum
- Agile Method: XP
- Pair Programming
- Agile Software Development Manifesto
- The Agile Principles
- Typical Continuous Integration Process
- Automate Source Code Management
- Automate Build Process, Automate Testing, and Automate Deployment
- Characteristics that Enable Agility
- Characteristics that Inhibit Agility
- Risks Associated with Migrating
- Smoothing the Transition
- Pair Programming and Code Reviews
- Continuous Integration

Audience:

This an outline level introduction of Agile software improvement advantages and practices, designed for directors, developers, managers, partners, and anybody

interested in learning the advantages of agile advancement.

Prerequisite:

Information recent processes of development, for example, organized top-down advancement and the method of the waterfall is useful.

Course Outline:

Module 1: Introduction and Overview

- Reducing Risk Through Agility
- The Discipline of Timeboxing
- Incremental Delivery and Evaluation
- Agile Method: Scrum
- Agile Method: XP
- Pair Programming

Module 2: The Agile Approach

- Agile Software Development Manifesto
- The Agile Principles
- Identifying Features
- Managing Features
- Communication Dynamics

Module 3: Agile Iterative Development

- Iterative Approaches
- Phased Iterative Development
- Iterating
- Feasibility & Planning
- Development
- Adaptation & Deployment

Module 4: Prioritizing and Planning

- Features and Backlogs
- FDD Process
- Prioritizing Features
- Release Planning
- Assigning Features to Iterations

Module 5: Building

- Typical Continuous Integration Process
- CI Server
- Automate Source Code Management
- Automate Build Process
- Automate Testing

- Automate Deployment

Module 6: Transitioning to Agility

- Agility: Some Process, Some Mindset
- Characteristics that Enable Agility
- Characteristics that Inhibit Agility
- Risks Associated with Migrating
- Smoothing the Transition

Module 7: The Bottom Line

- Agile Migration Patterns
- Extending the Migration
- Coding Practices
- Source Control
- Pair Programming and Code Reviews
- Continuous Integration
- Legacy Code