Architecture for the Agile Team

Course Summary

Description

This course examines the Agile team and their contribution to and involvement in the architecture needs of Agile projects. It is a mixture of lectures and exercises. The lectures provide instruction on the concepts and open up meaningful discussions; the exercises have students work through a case study to help deepen their knowledge. Beginning with the foundations of Agile, the need for architecture is discussed looking at how the two relate, along with the challenges each pose on the other. Agile encourages a cultural shift for the manner in which work is done, emphasizing collaboration across boundaries. Exploring industry practices and recommendations, each team member will be afforded the opportunity to identify and promote the ways in which their role can improve results for Agile work.

Objectives

After taking this course, students will be able to:
- Discuss the beginnings of Agile and its current state and use today
- Understand the relationship of architecture for Agile work
- Consider the team member roles in Agile work and their responsibilities in connection with the corresponding architecture

Topics

- The Basics
- History and Characteristics of Agile
- History and Characteristics of Architecture
- Agile Team Composition: Roles and Responsibilities
- Delivering Success
- Challenges of Agile
- Challenges of Architecture for Agile
- Working Together for Success

Audience

This course is designed for all Agile team members including architects, software development team leads, technical leads, business stakeholders, and managers, who are seeking to understand agile and the need for architecture support.

Prerequisites

There are no prerequisites for this course.

Duration

Two days