

**The Agile Solution Architecture Program**

**Course Number:** AGL-208
**Duration:** 2 days

**Overview**

This Agile Solution Architecture Program training course teaches attendees how to implement Agile Architecture at the solution architecture level. Participants also learn the foundation elements, how to link with Agile governance, avoid common pitfalls, and produce continuous business value.

**Prerequisites**

Knowledge of architecture programs is assumed.

**Materials**

All attendees receive comprehensive courseware.

**Software Needed on Each Student PC**

Accelebrate can provide a remote lab environment for this class.  All attendees should have computers with Internet access and a modern web browser (ideally Chrome).

**Objectives**

* Plan and implement Agile architecture programs at the solution architecture level
* Link Agile architecture with Agile governance in practical ways
* Recognize and avoid common pitfalls in Agile architecture
* Produce continuous business value through Agile architecture
* Successfully transition from traditional to Agile architecture

**Outline**

* Introduction
* The Agile Architecture Process
	+ Overview
	+ Pre Project Work
	+ Motivation for Agile
	+ Agile Solution Architecture In Place
	+ Agile Process – Big Picture Example
	+ Agile Architecture Scenario
	+ Criteria for Agile
	+ Vision for Agile Products
	+ Do the Work
	+ Divide and conquer
	+ Develop and Test
	+ Agile Architect’s Responsibilities
	+ Review and React
	+ Application Reviews and Reactions
	+ Solution Reviews and Reactions
	+ Summary - The Agile Architecture Process
* Agile Solution Architecture
	+ Overview
	+ What is Needed?
	+ High-Level List
	+ Build The Architecture
	+ Reference Architecture
	+ Glossary
	+ Principles & Policies
	+ Scenarios
	+ Practices
	+ Reference Models
	+ Components
	+ Requirements and Capabilities
	+ Patterns
	+ Decision Framework
	+ Approaches For Governance
	+ Using the Agile Solution Architecture
	+ Work with an Agile Mindset
	+ Summary - Agile Solution Architecture
* Risks With Agile Architecture
	+ Overview
	+ Risk Perspectives
	+ Perspectives for Risks
	+ Risks by Categories
	+ Scope Risks
	+ Resource Risks
	+ People and Culture Risks
	+ Risks by Levels
	+ Top Known Risks
	+ Agile Methods
	+ Agile Methods Mitigation
	+ Principles and Policies
	+ Principles and Policies Mitigation
	+ Allocation of Resources
	+ Allocation of Resources Mitigation
	+ Product Selection
	+ Product Selection Mitigation
	+ Work Habits
	+ Work Habits Mitigation
	+ Summary - Risks With Agile Architecture
* Succeeding With Agile Architect
	+ Overview
	+ Role Of Architecture In Agile
	+ Architecture
	+ Vision vs Goal
	+ Visions Or Goals?
	+ Agile Architecture Visions
	+ Agile Architecture Goals
	+ Agile Techniques For Success
	+ Agile Techniques
	+ Using the Vision
	+ Everyone Shares The Vision
	+ Iterations Fulfil The Vision
	+ Results Align The Vision
	+ Producing Continuous Business Value
	+ Early and Quick
	+ Prioritization
	+ Good Enough
	+ Fast-Fail
	+ Making People Productive
	+ Sustainable
	+ Self Managed
	+ Meaningful Roles
	+ Moving From Traditional To Agile Architecture
	+ The Work: A Comparison
	+ Myths
	+ Myth: No More Models
	+ Myth: No More Reviews
	+ Myth: No More Architects
	+ Summary - Succeeding With Agile Architect
* Conclusion