Business Architecture Foundation Workshop

Course Number: WA2137

Duration: 3 days

Course Description

Throughout this course, a solid foundation of terminology, methods, techniques, and artifacts will be established to equip your team in understanding what Business Architecture is and how to establish a Business Architecture practice within your organization.

Skills Gained

- Define Business Architecture
- Understand the value of Business Architecture
- Describe the different views of Business Architecture
- Be able to define a Business Architecture bottom-up, top-down, or meet-in-the-middle
- Comprehend the relevance of architectural frameworks in the context of Business Architecture
- Gain hands-on experience creating Business Architecture views and key artifacts
- Explore real world Business Architecture case studies
- Discuss the challenges and opportunities inherent in establishing a Business Architecture practice

Who Can Benefit

LOB managers, business analysts, architects, and team leads

Course Details

Outline

Chapter 1 - What is Business Architecture?

- What is Business Architecture
- Formal definition
- What is Business Architecture for
- What is Business Architecture For
- The Value of Business Architecture
- Layers of Enterprise Architecture
- The Business Architecture Domain
- Where does Business Architecture live?
- Business Architecture Frameworks
- Business Architecture Book of Knowledge
- Enterprise Architecture Frameworks
- Business Architect vs Business Analyst
- Business architecture vs Business analysis

Chapter 2 - BIZBOK Introduction

- The Business Architecture Guild
- What are BIZBOK and BIZBOK Guide?
- The BIZBOK Guide Make Up
- BIZBOK's Definition of Business Architecture
- Business Architecture Characteristics
- Business Architecture Notation
- Who, What, Where, When, Why, and How
- BIZBOK Common Blueprints
- The BIZBOK Business Architecture Framework
- Business Architecture Scenario Topics

Chapter 3 - BIZBOK Business Architecture Practice

- The Value of a Business Architecture
- The Path to Actionable Results
- Getting Started with Business Architecture
- Required Roles

- The Business Architect Role
- Determine Business Architecture Objectives
- Communicate Business Value
- Assess Opportunities
- Establish Governance
- Establish Baseline
- Use and Refine Business Architecture
- Business Models and Frameworks
- A Business Model Framework: Osterwalder Canvas
- The Building Blocks of the Business Model Canvas
- The Business Model Canvas Diagram
- Business Architecture / Business Model Alignment and Mapping
- Business Architecture / Business Model Alignment Example

Chapter 4 - BIZBOK Guide Strategy Blueprints

- Strategy Development Questions
- Business Strategy Mapping
- What is a BIZBOK Business Architecture Blueprint?
- Representing Business Architecture with Blueprints
- BIZBOK Business Architecture Blueprints List
- Strategy Mapping
- Strategy
- Strategy and Strategy Mapping
- Strategy Mapping Frameworks Overview
- Ansoff Product/Market Grid
- Ansoff Strengths and Weaknesses
- SWOT Analysis
- SWOT Strengths and Weaknesses
- Norton Kaplan Strategy Map
- Norton-Kaplan Strategy Map
- Norton Kaplan Strategy Map Diagram
- Norton Kaplan Strengths and Weaknesses
- Balanced Scorecards
- The Balanced Scorecard Perspectives

- Business Motivation Model
- BMM Strengths and Weaknesses

Chapter 5 - BIZBOK Guide Architecture Blueprints

- BIZBOK Architecture Blueprints
- Value and Capability Mapping
- Capability Mapping
- Defining Capability
- Capability vs. Function
- Business Capabilities Levels
- Sample Business Capability Model Taxonomy Diagram
- Business Unit to Business Capability Mapping
- Heat Mapping
- The Value Stream Definition
- Value Mapping
- Value Mapping Diagram
- Value Maps vs Business Processes
- More on the Value Stream Blueprint
- A Value Stream Example
- Value Stream Heat Mapping
- Value Stream Heat Mapping Example
- Value Stream / Capability Cross-mapping
- Value Stream / Capability Cross-Mapping Example
- Remaining Mappings
- Organization Mapping
- Organization Mapping – Business Units
- Organization Mapping – Uses
- Organization Mapping – Artifacts
- Information Mapping
- Information Mapping – Selected Principles
- Information Mapping – Artifacts
- Product Mapping
- Product Mapping - Artifacts
- Product Mapping – Artifacts

- Stakeholder Mapping
- Stakeholder Mapping – Artifacts
- Stakeholder Mapping – Classification

Chapter 6 - Business Architecture Views

- Shared Vision
- Views and Viewpoints
- Views
- Example View: Claim Handling from a Process Viewpoint
- Example View: Claim Handling from a Data Viewpoint
- The Importance of Architecture Views
- Class Exercise - “Views and Viewpoints”
- The 5 Business Architecture Views
- The Goals View
- Common Pitfalls when Setting Goals
- Goal Prioritization
- TOGAF's Goals View
- OMG's Goals View
- SMART Goals
- Facades View
- Facade's View - UML
- Business Use Case Model
- Business Use Cases
- Creating Business Use Cases
- More Complex Use Cases
- Facade's View – Functional Model
- TOGAF Functional / Facade Models
- Additional Functional / Facade Models
- Communications View
- UML Communication Diagrams
- Processes View
- UML Activity Diagram
- Business Process Model and Notation (BPMN) Process Models
- BPMN or UML?

- Business Entities View
- Domain Modelling as a Business Entity View
- Data Modelling as a Business Entity View

Chapter 7 - Improving Business Processes

- Improving Processes
- Business Modelling
- Process Improvement
- Process Performance Analysis
- Motivation for Continuous Process Improvement
- Metrics
- Key Performance Indicators
- KPI Selection Criteria
- KPI Practices
- KPI Examples
- Measurement Plan
- Continuous Process Improvement
- Types of Process Changes
- Process change and Six Sigma
- Six Sigma Projects
- What is Lean Six Sigma?
- Lean and Six Sigma Sigma Main Methods
- Aligning Business Architecture and Lean Six Sigma
- The Lean Value Stream
- Lean Value Stream Example
- Lean and Business Architecture Value Streams Cross-Mapping Synergies
- Rapid Improvement Process
- Achieving Success with Six Sigma and RIP
- Ishikawa Diagram
- Documenting Process – BPMN
- Role of BPMN
- Basic Structure of a Process
- BPMN Example – Hardware Retailer
- Process Governance

- Process Governance Activities
- Role of Process Governance
- A Process Governance Framework
- Process Maturity

Chapter 8 - Process Maturity Models

- What are Process Maturity Models?
- Process Maturity Models Positioning
- Defining a Level
- The Five Levels of Process Maturity
- Moving Up the Levels of Process Maturity
- Assessing the Level of Maturity
- The Level Assessment Elements
- Process Level Scores
- Enterprise Capabilities: Leadership
- Enterprise Capabilities: Culture
- Enterprise Capabilities: Expertise
- Enterprise Capabilities: Governance
- Process Enablers: Design
- Process Enablers: Performers
- Process Enablers: Owner
- Process Enablers: Infrastructure

Chapter 9 - Overview of Enterprise Architecture Frameworks

- Relationship Between Business Architecture and Other Types of Architecture
- Business / IT Alignment
- Business / IT Architecture Mapping
- The Importance of a Framework for Enterprise Architecture
- Group Discussion: Architecture Frameworks
- TOGAF
- TOGAF Components
- Architecture Development Method (ADM)
- ADM Techniques
- Architecture Content Framework

- Views & Viewpoints
- Zachman Framework
- Zachman Framework Matrix Overview
- The Scope of the Zachman Framework
- What the Zachman Framework is NOT
- Leveraging the Zachman Framework
- Some Other Frameworks
- Which Framework Should I Use?