Course Outline

Level 1-Focused Topics

COURSE KICKOFF - introductions, context, and background (kickoff slides in top level of e-materials)

    M0 - Course Objectives and Certification Process

BROAD OVERVIEW OF THE STANDARD AND THE ADM

    M1 - Management Overview (TOGAF stewardship/evolution, EA, and basic concepts)

    M2 - TOGAF® 9 "Components" - the 6 "Parts" of the standard

    M3 - Intro to Architecture Development Method (ADM) – the heart of TOGAF   (TOGAF Part II)

ADM GUIDELINES AND TECHNIQUES – applying ADM in different scenarios/styles; mini-methods (TOGAF Part III)

    F7 - Guidelines and Techniques Overview

ARCHITECTURE CONTENT FRAMEWORK - work product guidance (TOGAF Part IV)

    M13 - Building Blocks (major types, general characteristics)

    M12 - Views and Viewpoints (and intro to "artifacts")

    F11 - ADM Deliverables – overview

ENTERPRISE CONTINUUM – organizing and classifying/reusing architectural assets (TOGAF Part V)

    M5 - Architecture Repository

    M4 - Enterprise Continuum (classifying for reuse)

ARCHITECTURE CAPABILITY FRAMEWORK – creating/managing the "EA capability" (TOGAF Part VI)

    M9 - Architecture Governance

Periodic knowledge-check questions interspersed; practice exam conducted at end of course

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Level 2 Topics (w/ remaining Level 1 integrated)

ARCHITECTURE CONTENT FRAMEWORK – Deeper Dive (TOGAF Part IV)

    M6 – Architecture Content Framework (overview, w/ intro to metamodel)

    M7 – Content Metamodel (detailed, core and extension BB types with relationships, artifacts)

ADM PHASES – Deeper Dive (TOGAF Part II)

    M8 – Preliminary Phase (including "Principles" technique)

TECHNIQUES - used early in the ADM cycle (TOGAF Part III)

    M10 – Business Scenarios (ensuring clear/complete requirements) (see "Guide")

    M11 – Stakeholder Management

    M14 – Architecture Implementation Support Techniques
        (interoperability req'ts, business transformation readiness assessment, risk mgt, capability-based planning)

ADM PHASES – Deeper Dive (TOGAF Part II)

    M15 – Phase A – Architecture Vision

    M16 – Phase B – Business Architecture (including "Gap Analysis" technique used in Phases B, C, D)

    M17 – Phase C – Overview (Information Systems Architecture: ie, the Data and Application domains)

    M18 – Phase C – Data Architecture (brief, same steps as B)

    M20 – Phase C – Application Architecture (brief, same steps as B)

REFERENCE MODELS – IIIRM applies to Ph C - Application domain,   TRM applies to Ph D - Technology domain

    M21 – Technical Reference Model (TRM) – example of EC "Foundation Arch." (see "Guide")

    M19 – Integrated Info Infrastructure Ref. Model (III-RM) – example of EC "Common Systems Arch." (see "Guide")

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Level 2 Material (cont.) (w/ remaining Level 1 integrated)

ADM PHASES – Deeper Dive (TOGAF Part II)

    M22 – Phase D – Technology Architecture (brief, same steps as B)

MIGRATION PLANNING TECHNIQUES - used in Phases E and F (TOGAF Part III)

    M23 – Migration Planning Techniques
        (Impl. Factor Assessment/Deduction, Consolidated Gaps, Definition Increments, State Evolution, Business Value Assessment)

ADM PHASES – Deeper Dive (TOGAF Part II)

    M24 – Phase E – Opportunities and Solutions

    M25 – Phase F – Migration Planning

    M26 – Phase G – Implementation Governance

    M27 – Phase H – Architecture Change Management

    M28 – Architecture Requirements Management

REMAINING LEVEL 2 TOPICS (for Parts III, V, and VI)

    M29 – Architecture Partitioning   (TOGAF Part V)

    M30 – Iteration and Levels – "guidelines"   (TOGAF Part III)

    M31 – Security - a "guideline" (TOGAF Part III)   (see "Guide") (brief in-class coverage)

    M33 – Architecture Maturity Models   (TOGAF Part VI)

    M34 – Architecture Skills Framework   (TOGAF Part VI)

Practice exam conducted at end of course