

## Enterprise Architecture Implementation: Strategies and Methodologies (3 Days)

**Custom Training Institute**  
9085 Coyote Springs Road  
Prescott Valley, AZ 86314  
(928) 772-3811  
FAX (928) 441-6444

### Enterprise Architecture Implementation: Strategies and Methodologies (CTI 237)

*Students will learn how to achieve business transformation goals with rapid delivery of Enterprise Architecture. Methodologies used successfully world-wide by Government and Corporate organizations will be presented. Interactive Team Sessions to prepare your organization for EA Legislative and Business Imperatives will be held. This course is essential for executives, management and Program Office Managers involved in planning and implementing Enterprise Architecture.*

Prerequisites: None.

#### Required Supplemental Texts:

IT Architecture Tool Kit; Jane Carbone, ISBN: 0-13-147379-4; Prentice Hall. © 2004.

Business Project Management with a Business Rules Approach; Tom Debevoise, ISBN:

0-9769048-0-2; Business Knowledge Architects. © 2005.

Minimum software requirements: Windows 2000 or Windows XP (service pack 2) or later; current edition of Microsoft Office; Internet browser.

Minimum hardware requirements PC with 1 GB RAM and 1 GHz Pentium CPU and 10 GB hard disk space; Internet access highly desirable.

Microsoft PowerPoint and Internet connection installed at instructor's workstation for presentation purposes.

#### **Module 1: Planning for Business Transformation Success**

Why is Business Transformation so Important Today?  
Enterprise Architecture Imperatives  
Transforming Business Perspectives

#### **Module 2: Business Plans, Goals and Performance Objectives**

Planning Methods Used to Analyze the Business Goals  
Gathering and Interpreting Existing Plans and Directives  
Analyzing Planner and Owner Perspectives

#### **Module 3: Business Plan Analysis - Case Study**

Case Study: Session for Refinement of Business Plans and Identification of Organizational Goals and Business Transformation Opportunities  
Criteria for Success; Potential Failure Issues to Avoid

#### **Module 4: Identifying Strategic Opportunities for Business Transformation**

Translating Business Plans into Opportunities  
How Design and Delivery of Critical Assets Optimizes Implementation  
Addressing Current Issues: Security Legislation and Initiatives, e-Government and Web Strategies, Business Intelligence and Supplier/Customer Integration

#### **Module 5: Focusing on Priority Implementations**

Interactive Workshop: Learning How Strategic Plans and Business Goals are Catalysts that Identify Common Information Assets and Activities  
Integrating Organization Mandates and Business Priorities

#### **Module 6: Strategic Assets and Business Activities**

Learning to Identify Reusable Activities  
How Associated Systems Can Be Delivered Rapidly

#### **Module 7: Managing and Sustaining Enterprise Architecture**

Identifying Governance and Security Issues  
Changing Management Goals

# Enterprise Architecture Implementation: Strategies and Methodologies (CTI 237) - continued

## **Module 8: Establishing EA Directions**

Strategic Business Transformation  
Directions  
Management Priorities, Governance and  
Security Issues  
Reference Models and DoD C4ISR  
Methodologies

## **Module 9: Rapid Delivery Projects for EA**

Real World Examples of Government and  
Commercial Projects for Rapid  
Delivery of Priority Architecture Areas  
Criteria for Success; Potential Failure  
Issues to Avoid

## **Module 10: Assuring Integration: Business Architecture-Driven Modeling**

Strategy-Driven Methods to Transform  
Business Models into Implementation  
Applying Enterprise Engineering  
Disciplines and Proven Methodologies  
Resolution of Semantic Issues

## **Module 11: Modeling for Business Transformation**

How to Transform Business Models to  
Integrated Databases and Reusable  
Process  
Identifying Priority Activities for Rapid  
Delivery

## **Module 12: Identifying Future Business Needs**

Business Normalization Methods Applied  
by Business Experts and IT  
Methods and Rules for Business to  
Systems Model Transformations  
Identifying Further Business Data Needs  
and Activities that Also Indicate  
Business Transformation Opportunities

## **Module 13: Validating Alignment Goals and Plans**

Identify Business Transformation  
Opportunities through Strategic  
Alignment  
Engaging Executive Management  
Aligning Models Across Rows and  
Columns

## **Module 14: Deriving Project Portfolios for Rapid EA Delivery**

Refining Project Scope and Deliverables  
for Rapid Sub-Project Deliveries in  
Three-Month Increments  
Balancing Mandates, Business Plans and  
Resource Demands  
Demonstrating Alignment and Integration

## **Module 15: Transformation of Business Architecture to Design and Delivery Perspective**

Interactive Case Study Session:  
Transforming Priority Areas into  
Design and Delivery Perspectives

## **Module 16: Opportunity, Cost and Return- on-Investment (ROI) Analysis**

Costing Methods to Analyze Business  
Transformation Opportunities for  
Efficiency and Cost Effectiveness  
Evaluating Implementation Alternatives

## **Module 17: Developing Processes, Workflows and Interface Design**

Implementing Reusable Activities as  
Reusable Business Processes and  
Business Objects  
Deriving Workflow Models for Rapid  
Delivery using Latest Technologies  
Methods for Derivation of Interfaces

## **Module 18: Bridging the Gap: Portfolio Alignment for Business Transformation**

Case Study Session: Refining Business  
Alignment Opportunities  
Further Aligning Transformed Business  
Models to Design Architecture Across  
All Columns of Zachman Framework

## **Module 19: Validating Business Alignment and EA Deliverables**

Case Study Session: Testing All Business  
Transformation Deliverables Developed  
in Earlier Workshops for Completeness  
Determining EA Deliverables for  
Alignment with Business Priorities

## **Module 20: Tools and Technologies for Rapid Implementation**

Overview of Latest Rapid Delivery  
Technologies for Enterprise  
Architecture  
Web Services Product Strategies and  
Evolution  
Using Web Services for Rapid Business  
Transformation  
Service-Oriented Architecture and XML

## **Module 21: Successful Enterprise Architecture Implementations**

Policies, Roles and Responsibilities  
Program Office Strategies  
Communications, Promotion and  
Architecture Access  
Sustaining Executive Involvement