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## TONEX Global Training Courses & Seminars

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## Enterprise Architecture (EA) TRAINING

### 757 - Enterprise Architecture (EA) Training Boot Camp

Duration: 5 Day(s)

Enterprise Architecture (EA) is more than the collection of the constituent architectures (Business, Application, Technology, and Information). It is a conceptual tool that assists organizations with the understanding of their own structure and the way they work. It provides a map of the enterprise and is a route planner for business and technology change.

The interrelationships among these architectures, and their joint properties, are essential to the Enterprise Architecture. That is to say, these architectures should not be approached in isolation. Together, they are intended to address important Enterprise-wide concerns, such as:

- Meeting stakeholder needs
- Aligning IT with the business
- Seamless integration and data sharing
- Security and dependability
- Data integrity, consistency
- Reducing duplication
- Utilizing Enterprise Architecture as a blueprint for current and desired capabilities and facilities gap analysis
- Utilizing EA as a tool for strategic, acquisition, and capital investment planning

The Enterprise Architecture (EA) Bootcamp will focus on the essential elements required for developing results-driven EA programs that are designed to meet your requirements. It clearly explains enterprise architecture's vital role in enabling—or constraining—the execution of business strategy. The boot camp provides clear frameworks, Thoughtful case examples, and a proven-effective structured process for designing and implementing effective enterprise architectures.

Our experienced instructors work with you, tailoring the Boot Camp content to your needs. We can even conduct Boot Camp onsite at your business! Using real-life examples and interactive exercises, we teach practical ways to maintain your valuable customer base, win repeat business, and measure your organization's ability to meet customer expectations.

#### Objectives

Upon completion of this boot camp, the participants are able to:

- Understand the basic concepts related to Enterprise Architecture (EA)
- Identify the added value of EA
- Explore why and how to build an EA
- Understand challenges of implementing EA, including the technical and organizational issues
- Identify the elements of an EA implementation plan
- Develop an EA working plan
- Determine specific architectures necessary for your organization
- Identify the steps to improve enterprise architecture practices
- Select, organize and implement a EA project
- Develop and manage an EA using Zachman and TOGAF
- Understand The Rational Unified Process (RUP) and The Enterprise Unified Process (EUP)
- Identify typical symptoms of EA dysfunction
- Redesign EA and structure successfully within the enterprise
- Develop best practices in the EA development

- Ensure best practice through the application of EA
- Overview of TOGAF, Zachman Framework (ZF), Spewak's EAP, RUP/EUP, IEEE 1471, DoDAF, MODAF, NAF, AGATE, and FEAF

For detailed information: <http://www.tonex.com/Courses/757/>

## Architecture Frameworks

### 11770: DoD Architecture Framework (DoDAF) 1.5 Training

Duration: 3 Day(s)

Department of Defense Architecture Framework (DoDAF) Training: The Department of Defense Architecture Framework (DoDAF) defines a standard way to organize an enterprise architecture (EA) into complementary and consistent views and models. TONEX DoDAF training boot camp covers both DoDAF 1.5 and migration to DoDAF 2.0.

In our hands-on 3 day DoDAF training you will use our comprehensive methodology to create operational, technical, and systems architecture views and products consistent with the DoDAF and DoD procurement and acquisition guidelines. Students will apply DoDAF compliance concepts, models and principles to design their own DoDAF-compliant system. Tonex DoDAF training also covers NCOW, GIG and JCIDS

#### Objectives

Upon completion of this course, the attendees will be able to:

- Understand the basic concepts related to Enterprise Architecture (EA)
- Identify the added value of DoDAF as an Architecture Framework
- Explore why and how to build an EA
- Understand challenges of implementing EA, including the technical and organizational issues
- Identify the elements of an EA implementation plan
- Determine specific architectures requirements necessary for your organization
- Understand similarities and differences between DoDAF and other EA frameworks and methodologies
- Understand DoDAF Definitions and Guidelines
- Understand Understand DoD Architecture Framework principles (version 1.5)
- Understand DoDAF Product Descriptions
- Understand DoDAF Version 2.0 Introduction, Overview, and Concepts
- DoDAF Version 2.0 Architecture Data and Views
- DoDAF Version 2.0 Meta-model Physical Exchange Specification

For detailed information: <http://www.tonex.com/Courses/11770/>

### 11771: Federal Enterprise Architecture Framework (FEAF) Training

Duration: 3 Day(s)

The Federal Enterprise Architecture Framework (FEAF) is an initiative of the US Office of Management and Budget that aims to comply with the Clinger-Cohen Act and provide a common methodology for information technology (IT) acquisition in the United States federal government. It is designed to ease sharing of information and resources across federal agencies, reduce costs, and improve citizen services.

The FEA is entirely business-driven. Its foundation is the Business Reference Model, which describes the government's Lines of Business and its services. This business-based foundation provides a common framework for improvement in a variety of key areas such as:

- Budget Allocation
- Information Sharing
- Performance Measurement
- Budget / Performance Integration
- Cross-Agency Collaboration
- E-Government
- Component-Based Architectures

FEAF training covers four main aspects of the FEA including:

- A high-level overview of EA concepts and principles.
- Detailed coverage of FEAF : Architecture Drivers, Strategic Direction, –Current Architecture, Target Architecture, Transitional Processes , Architectural Segments , Architectural Models and Standards
- Segmenting Architecture covering architecture concepts, the content included in segment architecture, and how to use segment architecture.
- Developing Segment Architecture and how to develop segment architecture, when one should be developed, and who should participate in its development.
- Enterprise Architecture Transition Strategy and what is included in an EA transition strategy and provides guidance on developing and using an EA transition strategy.
- Measuring EA Program Value - Describes a continuous, customerfocused process relying on feedback from EA stakeholders and other value
- Measures to increase the quality and effectiveness of EA products and services to support business decisions.

#### Objectives

Upon completion of this course, the attendees will be able to:

- Describe the current and future state of the agency and its segments
- Define the desired results for an agency and priority segments
- Determine what resources are used to achieve measurable performance
- Improve an agency's core mission areas and common or shared services
- Leverage business and information management resources across the agency
- Develop a transition strategy to achieve strategic goals and objectives and btarget performance improvements
- Measure the value of EA products and services to inform decisions in other practice areas and support business results
- Understand FEA Reference Model: PRM, BRM, SRM, DRM, and TRM
- Compare FEAF with other EA frameworks such as TOGAF, Zachman, DoDAF, RUP/EUP and EAP

### 11772: Federal Segment Architecture Methodology (FSAM) Training

Duration: 2 Day(s)

The Federal Segment Architecture Methodology (FSAM) is a step-by-step process for developing and using segment architectures that was developed by distilling proven best practices from across Federal agencies. Use of the FSAM should result in more complete and consistent segment architecture products and will result in greater reuse of segment architectures by providing key information that informs downstream processes for capital planning, security (e.g. certification and accreditation), and the system development life cycle.

Enterprise Architects can leverage TONEX's 2-day FSAM training course to pragmatically develop segment architectures that support the mission and vision of the enterprise.

As Enterprise or Segment Architects leverage FSAM for multiple segment architecture development efforts, the consistent approach within FSAM will help Enterprise Architects reconcile the segments into an enterprise-wide view of the architecture. In addition, the strategic drivers and prioritization of segments that are defined by Enterprise Architects provide a key input to the FSAM process

Upon completion of this workshop, the participants will:

- Understand FSAM and its step-by-step process for developing and using segment architecture that leverages existing "best practice" analysis techniques
- Review easy-to-use templates to expedite architecture development
- Review comprehensive toolbox of suggested analytical techniques.
- Understand analytical techniques that are provided for the outputs of each activity of a process step, as defined in FSAM, and are based on agency best practices that were assessed for inclusion by the FSAWG.
- Review FSAM outputs that are generalized and may be satisfied by analytical techniques and best practices, as determined by each agency.
- Review "core FSAM outputs.

## 11773: NATO Architecture Framework (NAF) Training - TONEX.com

Duration: 3 Day(s)

The North Atlantic Treaty Organization (NATO) is an alliance of 26 countries from North America and Europe committed to fulfilling the goals of the North Atlantic Treaty signed on the 4th April 1949. In accordance with the Treaty, the fundamental role of NATO is to safeguard the freedom and security of its member countries by political and military means.

The NATO Architecture Framework (NAF) is an Enterprise Architecture (EA) framework by the NATO. The role of an enterprise architecture is to provide decision support, in the context of the enterprise strategy, for the use of resources (including processes and procedures) in the enterprise. In other words, the architecture is responsible for defining how resources will be used to support enterprise strategy and benefit the NATO goals and objectives.

NAF provides guidance on describing communication and information systems (or C3 systems) through architectures and provides the rules, guidance, and templates for developing and presenting architecture descriptions to ensure a common denominator for understanding, comparing, and integrating architectures in NATO.

The application of the NAF is designed to enable architectures to contribute most effectively to acquiring and fielding cost-effective and interoperable military capabilities.

NAF v3 training provides the attendees with details of NATO Architecture Framework and its applications using real world scenarios and case studies. A detailed Transition Guidance from NAF v2 to NAF v3 is provided.

The course provides a rigorous method for understanding, analysing, and specifying: Capabilities, Systems, Systems of Systems (SoS), Organisational Structures and Business Processes.

## Objectives

- Upon completion of this course, the attendees will be able to:
- Describe Architecture Frameworks
- List Architecture Definitions, Terminology and Ontology
- Identify Architecture Methodologies
- List the basic concepts of NATO Architecture Framework (NAF) v3
- Understand NATO Network Enabled Capability (NNEC)
- List Architecture Concepts and Elements
- Describe Architecture Views and Subviews
- Describe NATO Architecture Framework Metamodel (NMM) and Architecture Data
- Exchange Specification (ADES)
- Describe Management of Architectures in NATO
- Describe Transition Guidance NAF v2 to NAF v3

## 11774: The UK Ministry of Defence Architectural Framework (MODAF) Training

Duration: 3 Day(s)

The UK Ministry of Defence Architectural Framework (MODAF) is an enabler for managing complexity. It provides a specification of how to represent an integrated model of an enterprise, from the operational / business aspects to the Systems that provide capability, with appropriate Standards and programmatic aspects. It assists in managing complexity by providing a logical, standardised way to present and integrate models of the enterprise. By covering both the operational and technical aspects across the enterprise, MODAF-compliant Architectures enable all communities of interest to gain the essential common understanding that will be required to deliver the benefits to be derived from Network Enabled Capability (NEC).

MOD's adoption of Network Enabled Capability (NEC) as its means of integrating existing capabilities into a coherent system of systems is an ambitious exercise in managing both complexity and change throughout the enterprise. Modern warfare is fast changing and the systems that technology is now making available are in themselves faster, more complex and more adaptable than ever before.

MODAF is an essential component of NEC (or more generally, network based enterprise management) for the following reasons;

MODAF is the UK mechanism for describing, analysing and actively managing defence enterprises, as referenced by DIN TBD

MODAF is about managing complexity

MODAF provides a common language for architectural discourse

The key benefits that MODAF delivers are improvements to the specification and implementation of interoperability between Systems. MODAF supports a wide variety of MOD processes, including: capability management, acquisition and sustainment.

MODAF training provides the details for understanding, analysing, and specifying: Capabilities, Systems, Systems of Systems (SoS), Organisational Structures and Business Processes. It is intended to facilitate the successful delivery of NEC.

## Objectives

- Upon completion of this course, the attendees will be able to:
- Understand the basic concepts behind Enterprise Architecture (EA)
- Describe Architectural Frameworks
- Identify the added value of Architecture Framework
- Explore why and how to build an Architecture Framework
- List MoDAF Architecture Definitions, Terminology and Ontology
- Identify Architecture Methodologies

- Compare MoDAF and other EA frameworks and methodologies such as: DODAF, NAF, AGATE, FEAR, TOGAF, Zachman, Spewak's EAP, RUP/EUP, and IEEE 1471F
- Understand MoD Architecture Framework Principles
- Understand MoDAF Definitions and Guidelines
- List the basic concepts of The UK Ministry of Defence Architectural Framework (MODAF)
- List MoDAF Architecture Concepts and Elements
- Describe MoDAF Architecture Views and Subviews
- Understand challenges of implementing MoDAF including the technical and organizational issues
- Identify the elements of an Architecture Framework Implementation Plan
- Determine Specific Architectures Requirements necessary for your Organization

## 11775: DoD Architecture Framework (DoDAF) Version 2.0 Training - DoDAF 2.0 Training

Duration: 3 Day(s)

### Upcoming Course Dates

09/26/2011 - 09/28/2011 - Dallas, TX

Disclaimer: Dates and locations are subject to availability. TONEX reserves the right to change and/or remove existing dates without prior notice. Individuals and small groups please contact us in regards to available seats and dates. Call Today: 888-TO-TONEX / International +1-972-735-8686

TONEX Department of Defense Architecture Framework (DoDAF) 2.0 Training

The Department of Defense Architecture Framework (DoDAF) 2.0 is the evolution of DoDAF 1.5 and defines a new way to organize an enterprise architecture (EA) into complementary and consistent views, viewpoints and models. TONEX DoDAF 2.0 training bootcamp covers complete migration from DoDAF 1.5 to DoDAF 2.0.

In our hands-on 3 day DoDAF 2.0 training you will use our comprehensive methodology to create operational, capabilities, technical, and systems architecture views and products consistent with the DoDAF 2.0 and Joint Capabilities Integration and Development System (JCIDS) guidelines. Students will apply DoDAF compliance concepts, models and principles to design their own DoDAF-compliant system.

TONEX DoDAF 2.0 training (DoDAF 2 training) provide guidance and rules for developing, representing, and understanding architectures based on a common denominator across DoD, Joint, and multinational boundaries. It provides external stakeholders with insight into how the DoD develops architectures. It ensures that architecture descriptions can be compared and related across programs, mission areas, and ultimately, the enterprise, thus, establishing the foundation for analyses that supports decision-making processes throughout the DoD.

The Department of Defense Architecture Framework (DoDAF) defines a standard way to organize an enterprise architecture (EA) or systems architecture into complementary and consistent views.

The course introduces the students to DoDAF Meta-model (DM2), consisting of a Conceptual Data Model (CDM), Logical Data Model (LDM), and Physical Exchange Specification (PES) as an integral part of the architecture framework. The DM2 replaces the Core Architecture Data Model (CADM) referenced in previous versions of DoDAF. Tonex also provide a comprehensive course in Joint Capabilities Integration and Development System (JCIDS).

### Objectives

- Upon completion of this course, the attendees will be able to:
- Understand the basic concepts behind Enterprise Architecture (EA)
- Identify the added value of Architecture Framework
- Explore why and how to build an Architecture Framework
- Understand challenges of implementing Architecture Framework, including the technical and organizational issues
- Identify the elements of an Architecture Framework implementation plan
- Determine specific architectures requirements necessary for your organization
- Understand DoDAF Version 2.0 Definitions and Guidelines
- Understand similarities and differences between DoDAF 2.0 and DoDAF 1.5
- Compare DoDAF 2.0 and other Architecture Frameworks such as MODAF, NAF, AGATE, FEAR, TOGAF, Zachman, Spewak's EAP, RUP/EUP, and IEEE 1471F
- Explore DoDAF Version 2.0 Introduction, Overview, and Concepts
- Understand DoD Architecture Framework Principles (version 2.0)
- Understand DoDAF Version 2.0 Product Descriptions
- DoDAF Version 2.0 Architecture Data and Views
- Identify key DoDAF 1.5 Support in DoDAF 2.0
- Understand DoDAF Version 2.0 Meta-model Physical Exchange Specification

## 11776: NASCIO EA Development Training

Duration: 2 Day(s)

The National Association of State Chief Information Officers (NASCIO) EA Development training covers NASCIO EA Development Version 3.0 Tool-Kit. The training addresses Architecture Governance, Business, Information, Technology and Solution Architectures.

NASCIO represents state chief information officers and information resource executives and managers from the 50 states, six U.S. territories, and the District of Columbia. State members are senior officials from any of the three branches of state government who have executive-level and statewide responsibility for information resource management. Representatives from federal, municipal, and international governments and state officials who are involved in information resource management but do not have chief responsibility for that function participate in the organization as associate members. Private-sector firms and non-profit organizations participate as corporate members.

The NASCIO Enterprise Architecture program was developed to enable the mission of state and local government. Government must continually reinvent itself to remain relevant by effectively and efficiently providing services to the citizens of this country. The path to this continual transformation must embrace leadership, management, coordination, communication and technology throughout government. Enterprise architecture is the discipline to appropriately define and leverage these capabilities within the complexities of government.

Funding to support the NASCIO EA Program and information sharing initiative is provided by a grant from the U.S. Department of Justice, the Bureau of Justice Assistance, Office of Justice Programs.

### Objectives

- Upon completion of this boot camp, the participants are able to:
- Understand the basic concepts related to Enterprise Architecture (EA)

- Understand NASCIO EA Development training Version 3.0 Tool-Kit
- Address Architecture Governance, Business, Information, Technology and Solution Architectures.
- Identify the added value of EA
- Explore why and how to build an EA
- Understand challenges of implementing EA, including the technical and organizational issues
- Identify the elements of an EA implementation plan
- Develop an EA working plan
- Determine specific architectures necessary for your organization
- Identify the steps to improve enterprise architecture practices
- Select, organize and implement a EA project

## **11777: DoDAF 2.0 Training - Advanced, Hands-on and Project Based**

Duration: 3 Day(s)

Advanced DoDAF 2.0 training focuses on creating and building DoDAF 2.0 viewpoints based on a selected project. We also focus on creating and modeling architecture data. Through the selected projects, data can be collected, organized, and stored by a wide range of architecture tools developed by sources and organized using the DoDAF Meta-model (DM2). TONEX Advanced DoDAF 2.0 training will help the students to create their own viewpoints based on a common denominator across their domain and boundaries. This is a 100% hands-on and project based.

### **Objectives**

Upon completion of this course, the attendees will be able to:

- Create DoDAF Version 2.0 Architecture Data and Viewpoints
- Create DoDAF Version 2.0 Meta-model Physical Exchange Specification
- Work with advanced DoDAF 2.0 concepts

## TOGAF Certification

### 9022: TOGAF 8 Certification Training Boot Camp

Duration: 4 Day(s)

TOGAF - The Open Group Architectural Framework. The key to TOGAF is a reliable, proven method - the TOGAF Architecture Development Method (ADM) - for developing an IT architecture that meets the needs of your business.

It is a flexible set of methods, processes, reference models, standards, techniques and tools for developing a broad range of different IT architectures. TOGAF enables IT organizations to design, evaluate, and build the right architecture for their enterprise, and reduces the costs of planning, designing, and implementing architectures based on open systems solutions.

TOGAF has evolved through two recent enhancements into TOGAF 8.1.1 and the recently released TOGAF 9.0.

The Open Group has pledged to support both TOGAF 8.1.1 and TOGAF 9.0 and TONEX will continue to provide quality training for both of these latest revisions.

TOGAF 8.1 Course: Results in TOGAF 8.1 Certified TOGAF Practitioner

TOGAF 8-9 Course: Results in TOGAF 8.1 Certification and TOGAF 9.0 new feature introduction and review.

TOGAF 9.0 Level 1: Two day course preparing candidates for the Level 1 Certification Exam.

TOGAF 9.0 Level 2: Three day Course preparing candidates for the Level 2 Certification Exam.

TOGAF 8.0 to 9.0 Upgrade: Two day Course preparing candidates for the Upgrade Certification Exam for those who have currently completed the TOGAF 8.1 Certification.

This TOGAF 8 training boot camp lead to you TOGAF 8.1.1 certification.

#### Objectives

Our TOGAF certification boot camp will enable Enterprise and IT architects, designers and managers to achieve TOGAF CERTIFICATION (the certification fee is included in the price.(A \$300.00 value)

After completing this program, attendees will be able to:

- Understand Enterprise Architecture and managing its lifecycle successfully
- Explore Enterprise Architecture with business requirements, architectural and solution building blocks, principles and patterns
- Understand TOGAF and its components
- Design and implement Business, Data, Applications and Technology Architectures using TOGAF
- Describe Architecture Views, Viewpoints and Business Scenarios for Requirements Engineering and Management
- Define the Enterprise Continuum including the Foundation, Common Systems, Solutions and Industry architectures
- Create workable Architecture Governance
- Ensure continuing alignment of the Enterprise Architecture with the business as it evolves
- Using TOGAF to develop and populate other Architectural Frameworks such as the Zachman, NGOSS and other industry Frameworks.
- Compare TOGAF with Zachman Framework (ZF), EAP, RUP/EUP, IEEE 1471, DoDAF, MODAF, NAF, AGATE, and FEAF

#### Objectives

Why is TOGAF important?

- A high-level introduction to some of the key concepts behind enterprise architecture and TOGAF approach.
- TOGAF Architecture Principles, Goals, Patterns, Views & Viewpoints
- TOGAF Information Sets
- TOGAF and Business, data , application and technology architectures.
- The TOGAF Standards Information Base (SIB)
- The TOGAF Architecture Development Method (ADM)
- Technical Reference Model (TRM)
- The Enterprise Continuum with supportive Architectures
- Architecture Governance
- XML-based Architecture
- Description Markup Language (ADML)
- Building Blocks Information Base (BBIB)
- Technical Architecture Builder and Browser (TABB)
- Architecture Maturity Assessments
- Architecture Skills Framework Tools, techniques and methods for architecture development
- Case studies & Activities Labs

#### Topics Covered

- Overview of TOGAF
- TOGAF Enterprise Architecture Principles
- Architecture Development Method (ADM)
- TOGAF 8 Architecture Development Method (ADM) - Process
- Architecture Vision
- Business Architecture
- Information System Architecture - Data
- Information System Architecture - Applications
- Technology Architecture
- Opportunities and Solutions
- Migration Planning
- Implementation Governance
- Architecture Change Management
- Requirements Management
- TOGAF 8 Architecture Development Method (ADM) - Information Sets
- Architecture Contracts
- TOGAF Foundation Architecture
- The Enterprise Continuum
- TOGAF and Other Architectures / Frameworks
- Architecture Governance
- Architecture Governance in Practice
- Tools for Architecture Development
- Process Map for EA Development
- Future of TOGAF
- Exercises and Case Studies

### 9023: TOGAF 9.0 Practitioner Course Level 1 & 2

Duration: 4 Day(s)

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TOGAF Version 9 Enterprise Edition ("TOGAF 9" for short) is a detailed method and set of supporting resources for developing an Enterprise Architecture. Developed and endorsed by the membership of The Open Group's Architecture Forum, TOGAF 9 represents an industry consensus framework and method for Enterprise Architecture that is available for use internally by any organization around the world - members and non-members of The Open Group alike - subject to license conditions - see Downloading TOGAF 9. As a comprehensive, open method for Enterprise Architecture, TOGAF 9 complements, and can be used in conjunction with, other frameworks that are more focused on specific aspects of architecture or for vertical sectors such as Government, Defense, and Finance.

TOGAF has evolved through two recent enhancements into TOGAF 8.1.1 and the recently released TOGAF 9.0.

TONEX is a TOGAF 9 Fully Accredited Training Provider by the Open Group.

## What's New?

Modular Structure  
Content Framework  
Extended Guidance on using TOGAF  
Explicit Consideration of Architectural Styles  
Further detail added to the Architecture Development Method (ADM)

The Open Group has pledged to support both TOGAF 8.1.1 and TOGAF 9.0 and TONEX will continue to provide quality training for both of these latest revisions.

TOGAF 8.1.1: Four day course leads to TOGAF 8 certification

TOGAF 9.0 Level 1: Two day course preparing candidates for the Level 1 Certification Exam.

TOGAF 9.0 Level 2: Three day Course preparing candidates for the Level 2 Certification Exam.

TOGAF 8 to 9.0 Upgrade: Two day Course preparing candidates for the Upgrade Certification Exam for those who have currently completed the TOGAF 8.1 Certification.

## Objectives

### Objectives of TOGAF 9

- To instruct students in the basic concepts of enterprise architecture and TOGAF 9.
- To familiarize students with the features of TOGAF and its methodology.
- To enable students to take best advantage of how to use TOGAF in their work.
- To gain an understanding of the necessary body of knowledge to achieve certification by examination for TOGAF 9 at Level 1 (TOGAF 9 Foundation) or Level 2 (TOGAF 9 Certified).

## 9024: TOGAF 8 to 9 Bridge

Duration: 2 Day(s)

TOGAF Version 9 Enterprise Edition ("TOGAF 9" for short) is a detailed method and set of supporting resources for developing an Enterprise Architecture. Developed and endorsed by the membership of The Open Group's Architecture Forum, TOGAF 9 represents an industry consensus framework and method for Enterprise Architecture that is available for use internally by any organization around the world - members and non-members of The Open Group alike - subject to license conditions - see Downloading TOGAF 9. As a comprehensive, open method for Enterprise Architecture, TOGAF 9 complements, and can be used in conjunction with, other frameworks that are more focused on specific aspects of architecture or for vertical sectors such as Government, Defense, and Finance.

TOGAF has evolved through two recent enhancements into TOGAF 8.1.1 and the recently released TOGAF 9.0.

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## What's New

- Modular Structure
- Content Framework
- Extended Guidance on using TOGAF
- Explicit Consideration of Architectural Styles
- Further detail added to the Architecture Development Method (ADM)

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TOGAF 9.0 Level 1: Two day course preparing candidates for the Level 1 Certification Exam.

TOGAF 9.0 Level 2: Three day Course preparing candidates for the Level 2 Certification Exam.

TOGAF 8 to 9.0 Upgrade: Two day Course preparing candidates for the Upgrade Certification Exam for those who have currently completed the TOGAF 8.1 Certification.

## Objectives

- To instruct students in the basic concepts of enterprise architecture and TOGAF 9.
- To familiarize students with the features of TOGAF and its methodology.
- To enable students to take best advantage of how to use TOGAF in their work.
- To gain an understanding of the necessary body of knowledge to achieve certification by examination for TOGAF 9 at Level 2 (TOGAF 9 Certified).

## 9025: TOGAF 9 Foundation Level 1

Duration: 2 Day(s)

TOGAF Version 9 Enterprise Edition ("TOGAF 9" for short) is a detailed method and set of supporting resources for developing an Enterprise Architecture. Developed and endorsed by the membership of The Open Group's Architecture Forum, TOGAF 9 represents an industry consensus framework and method for Enterprise Architecture that is available for use internally by any organization around the world - members and non-members of The Open Group alike - subject to license conditions - see Downloading TOGAF 9. As a comprehensive, open method for Enterprise Architecture, TOGAF 9 complements, and can be used in conjunction with, other frameworks that are more focused on specific aspects of architecture or for vertical sectors such as Government, Defense, and Finance.

TOGAF has evolved through two recent enhancements into TOGAF 8.1.1 and the recently released TOGAF 9.0.

TONEX is a TOGAF 9 Fully Accredited Training Provider by the Open Group.

## What's New

- Modular Structure
- Content Framework
- Extended Guidance on using TOGAF
- Explicit Consideration of Architectural Styles
- Further detail added to the Architecture Development Method (ADM)

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TOGAF 8.1.1: Four day course leads to TOGAF 8 certification

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TOGAF 9.0 Level 2: Three day Course preparing candidates for the Level 2 Certification Exam.

TOGAF 8 to 9.0 Upgrade: Two day Course preparing candidates for the Upgrade Certification Exam for those who have currently completed the TOGAF 8.1 Certification.

## Objectives

### Objectives of TOGAF 9

- To instruct students in the basic concepts of enterprise architecture and TOGAF 9.
- To familiarize students with the features of TOGAF and its methodology.
- To enable students to take best advantage of how to use TOGAF in their work.
- To gain an understanding of the necessary body of knowledge to achieve certification by examination for
- TOGAF 9 at Level 1 (TOGAF 9 Foundation).

## GOVERNMENT TRAINING

### 919: Business Capability Lifecycle (BCL) Training Bootcamp

Duration: 3 Day(s)

TONEX Business Capability Lifecycle (BCL) training covers the complete lifecycle framework for defense business capabilities. The course covers all the three phases: Business Capability Definition, Investment Management and Execution. BCL represents the complete lifecycle framework for defense business capabilities. It has three phases: Business Capability Definition, Investment Management and Execution.

TONEX Business Capability Lifecycle (BCL) training discusses how the three major DoD processes merges three to provide a single governance and decision support framework to enable faster delivery of business capabilities.

BCL creates efficiencies by merging CJCSI 3170.01G, Joint Capabilities Integration and Development System (JCIDS), DoDI 5000.02 Operation of the Defense Acquisition System (DAS) and the Investment Review Board (IRB) / Defense Business System Management Committee (DBSMC) governance bodies (established by sections 2222 and 186, respectively, of title 10, U.S.C) for defense business capabilities and systems.

#### Objectives

After completion of this course, the students will be able to:

- Explain the Business Capability Lifecycle (BCL) and the main purpose it serves.
- Explain Business Capability Definition (BCD), Investment Management (IM) and Execution
- Discuss why BCL was developed and how it can help
- Identify the three phases of BCL
- Describe how three major DoD processes merge to provide a single governance and decision support framework to enable faster delivery of business capabilities.
- Explain how BCL creates efficiencies by merging CJCSI 3170.01G, Joint Capabilities Integration and Development System (JCIDS), DoDI 5000.02 Operation of the Defense Acquisition System (DAS) and the Investment Review Board (IRB) / Defense Business System Management Committee (DBSMC) governance bodies (established by sections 2222 and 186, respectively, of title 10, U.S.C) for defense business capabilities and systems
- Describe the evolution of BCL governance and how it applies the principles of tiered accountability
- Identify established governance frameworks: the IRBs and DBSMC
- Explain how the Enterprise Risk Assessment Methodology (ERAM) supports and improves decision making on defense business capabilities
- Illustrate the purpose of the BCL Collaboration Center and how to use it
- Understand what Enterprise Risk Assessment Methodology (ERAM) and the Integrated Management Information Environment (IMIE) are.