Holistic Enterprise Architecture and Strategic Management Training Course



07 - 11 Dec 2026

Barcelona

5900 € (Per Person)

Ref: #IT8504_48609

Course Introduction / Overview:

In a world where technology and business are inextricably linked, enterprise architecture (EA) is a critical discipline for driving organizational change and strategic alignment. This Holistic Enterprise Architecture and Strategic Management Training Course is designed to provide professionals with a comprehensive understanding of how to design and manage an enterprise's IT landscape to support its business vision. The course will cover all key domains of EA, including business, data, application, and technology architecture. Participants will learn how to create a holistic view of their organization, identify inefficiencies, and plan for future growth. We will explore how to use frameworks like TOGAF and Zachman to create a structured approach to IT and business integration. This course also draws on scholarly work, such as "Enterprise Architecture as Strategy" by Jeanne W. Ross, which emphasizes the strategic importance of EA. By the end of this training, participants will be equipped to lead large-scale transformation projects and ensure that their organization's IT infrastructure is a source of competitive advantage. BIG BEN Training Center is committed to providing a curriculum that prepares professionals to build and manage a robust enterprise architecture.

Target Audience / This training course is suitable for:

- Enterprise Architects and Solution Architects.
- Chief Information Officers (CIOs) and IT Directors.
- Business and System Analysts.
- IT Project and Program Managers.
- Change and Transformation Managers.
- Senior Business Leaders involved in technology strategy.

Target Sectors and Industries:

- Financial services.
- Telecommunications.
- Government agencies and public sector.
- Healthcare.
- Manufacturing.
- Consulting and professional services.

Target Organizations Departments:

- Information Technology.
- Strategy and Planning.
- Business Development.
- Operations.
- Risk and Compliance.
- Data Management.

Course Offerings:

By the end of this course, the participants will have able to:

- Develop a comprehensive enterprise architecture model.
- Aligning business strategy with IT infrastructure.
- Apply major EA frameworks like TOGAF to real-world scenarios.
- Create architecture blueprints for data, applications, and technology.
- Manage the enterprise architecture repository.
- Lead road mapping technology and strategic planning initiatives.
- Communicate the value of EA to business stakeholders.

Course Methodology:

The training methodology for this course at BIG BEN Training Center is a practical blend of theoretical concepts and hands-on application. The course includes detailed case studies that illustrate how different organizations have successfully implemented EA to solve complex business problems. Participants will work on collaborative projects to design hypothetical enterprise architecture for a company, applying the principles learned throughout the course. We will use interactive sessions to discuss challenges and best practices, encouraging peer-to-peer learning and knowledge sharing. The course is structured to be less about a single tool and more about the discipline of strategic thinking and problem-solving. This approach ensures that participants can confidently apply the principles of enterprise architecture to their specific business environment, regardless of the tools or frameworks they use. Our goal is to empower attendees to become effective agents of change within their organizations.

Course Agenda (Course Units):

Unit One: The Foundations of Enterprise Architecture.

- Defining enterprise architecture and its domains.
- The strategic business case for EA.
- Understanding EA frameworks (TOGAF, Zachman, FEAF).
- The role of the enterprise architect.
- Building a business capability model.
- The relationship between EA and business strategy.
- EA maturity models.

Unit Two: Business Architecture.

- Modeling business strategy and operating model.
- Mapping business processes and value streams.
- Developing a business architecture blueprint.
- Aligning business goals with technology.
- Defining stakeholder needs and requirements.
- Business-IT alignment techniques.
- Capability-based planning.

Unit Three: Information and Application Architecture.

- Designing an information architecture model.
- Data modeling and management principles.
- Application portfolio management.
- Application integration and interoperability.
- Creating an application blueprint.
- Leveraging APIs and microservices.
- System lifecycle management.

Unit Four: Technology Architecture and Security.

- Developing a blueprint of technology architecture.
- Cloud computing strategy and infrastructure.
- Network and security architecture.
- Managing technology standards and roadmaps.
- The role of cybersecurity in EA.
- Evaluating emerging technologies.
- Hardware and software asset management.

Unit Five: EA Implementation and Governance.

- Establishing an EA governance framework.
- Managing the EA repository.
- Communicating the value of EA to leadership.
- Leading EA projects and changing management.
- Measuring the success of an EA program.
- Building a culture of strategic thinking.
- Best practices and common pitfalls.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

In an era of rapid technological disruption, how can enterprise architects create a flexible and adaptable architecture that supports innovation without compromising security or governance?

What unique qualities does this course offer compared to other courses?

This training course provides a holistic and practical approach to enterprise architecture, setting it apart from other programs that may focus narrowly on a single framework. The curriculum is designed to help professionals develop a strategic mindset that goes beyond technical diagrams and tools. We emphasize the critical role of the enterprise architect in aligning business goals with technology, using real-world case studies to illustrate how to create a comprehensive and actionable EA. The course moves beyond theory to provide practical skills in all four key areas of architecture, ensuring participants can lead complex projects and drive organizational change. BIG BEN Training Center's approach is to empower attendees to become not just architects of systems but architects of their organization’s future. This training is an essential investment for anyone looking to bridge the gap between business and IT and become a true leader in strategic management.