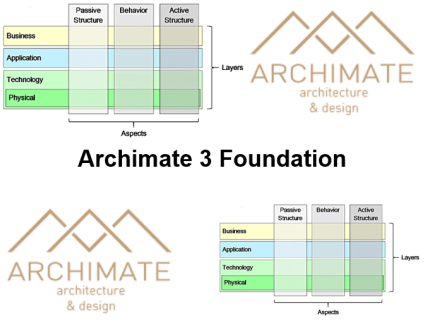
Archimate 3 Foundation

Duration: 2 days **Price: € 1499**

Open Schedule



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Audience Course Archimate 3 Foundation

The course Archimate 3 Foundation is intended for enterprise architects who want to use the Archimate 3 language when designing an Enterprise Architecture.

Prerequisites Course Archimate 3 Foundation

General knowledge of Enterprise Architecture and modeling if EA is desirable to participate in this course.

Realization Training Archimate 3 Foundation

The Archimate 3 Foundation course has a hands-on character. Theory based on demos is interchanged with practical assignments for creating Enterprise Architecture models in Sparx Systems Enterprise Architect.

Certificate Archimate 3 Foundation

After successfully completing the course, participants will receive a certificate of participation in the course Archimate 3 Foundation.

Content Course Archimate 3 Foundation

In the course ArchiMate 3 Foundation participants receive a strong foundation in architectural modeling using the ArchiMate language. The course includes practical exercises, case studies and exam preparation to enhance participants proficiency in architectural modeling.

Intro Enterprise Architecture

The course Archimate 3 Foundation starts with an overview of the importance of Enterprise Architecture in organizations. Discussed are standards in the field of EA Architecture Modeling and the role of Archimate and tools therein.

Archimate Concepts

Attention is paid to the hierarchical structure of Archimate where a model is considered as a collection of elements and relationships. The distinction between behavior, structural, motivation and composite elements is covered as well.

Business Modeling

Subsequently Business Modeling in Archimate is treated, where the operational organization of a company is described in a technology-independent manner. This covers Business Functions, Processes, Services and Objects, as well as Interactions and Events.

Application Modeling

Application Architecture is also discussed, using a subset of the ArchiMate elements such as Application Component, Application Service and Application Interface. Also covered is how the Layered View makes the context of an application visible.

Technology Modeling

Modeling the Technology Architecture with Technology Layer elements such as Technology Services, Events and Interfaces is also treated. Both Active and Passive Structure elements play a role in this.

Strategy Modeling

Also part of the course Archimate 3 Foundation is Strategy Modeling in the Strategy Layer. The elements Resource, Capability and Course of Action serve herein to model the strategic goals of the company,

Implementation and Migration Planning

Then implementation migration planning is covered with the viewpoint of relating applications and projects to the parts of the architecture that they implement.

Archimate Certification

Finally the course discusses how you can certify for Archimate 3 and what the exam requirements are. Tips and tricks for passing the exam will also be treated.

Modules Course Archimate 3 Foundation

Module 1 : Intro EA	Module 2 : ArchiMate Concepts	Module 3 : Business Modeling
What is Enterprise Architecture	ArchiMate Layers	Business Layer Overview
Importance of EA in Organizations	Business Layer	Actors and Roles
EA Frameworks and Standards	Application Layer	Business Collaboration
EA in Decision-Making	Technology Layer	Business Interface
Introduction to ArchiMate	ArchiMate Aspects	Business Function
Evolution of ArchiMate	Active Structure	Business Process
ArchiMate's Role in EA	Passive Structure	Interactions and Events
ArchiMate Certification	Data and Service Concepts	Business Services
ArchiMate Modeling Tools	Actor and Role Concepts	Business Objects
Elements and Notation	Business Process Concepts	Business Process Modeling
Relationships in ArchiMate	Function Concepts	Services and Relationships
UML Modeling Standard	Technology Service	Business Capabilities
Sparx Enterprise Architect	Relationships and Connectors	Archimate Meta Model
Module 4 : Application Modeling	**Module 5 : Technology Modeling**	**Module 6 : Strategy Modeling**
Application Layer Overview	Technology Layer Overview	Motivation and Strategy Concepts
Application Components	Diagram Types	Stakeholders and Concerns
Application Collaborations	Technology Collaborations	Sequence Diagrams
Interface and Functions	Interfaces and Functions	Goals, Drivers, and Objectives
Application Services	Service and Processes	Assessment and Gap Analysis
Application Processes	Technology Interactions	Principles and Requirements
Interactions and Events	Technology Object	Motivation Elements and Notation
Data Objects	Technology Artifacts	Strategy Mapping and Alignment
Application Artifacts	Services and Relationships	Strategy Modeling Best Practices
Services and Relationships	Infrastructure Considerations	Strategic Planning and Execution
Integration and Interfaces	Deployment Considerations	Legends and Grouping
Module 7 : Implementation Planning	**Module 8 : ArchiMate in Practice**	**Module 9 : Archimate Certification**
Implementation and Migration	ArchiMate in Real-World Projects	Certification Overview
Planning Implementations	Industry-specific Use Cases	Abstracting Elements
Project and Roadmap Views	ArchiMate Modeling Patterns	EAI Patterns
Work Packages and Dependencies	Tips for Effective Modeling	Information Resources
Implementation Elements	Collaboration and Version Control	Views and Maps
Transition Planning	Reporting and Documentation	Aspect Orientation
Transition Execution	ArchiMate Tools and Ecosystem	ArchiMate Exam Objectives
Gap Analysis	ArchiMate and Other EA Frameworks	Exam Preparation Tips
Impact Assessment	Certification Preparation	Sample Questions and Mock Exams
Agile and DevOps in Architecture	ArchiMate Future Trends	Test-Taking Strategies