



ArchiMate® 3.2 Foundation & Practitioner eLearning

Course duration:	Self-Paced
Course level:	Foundation (Level 1) & Practitioner (Level 2)
User competency:	Beginner / Competent / Proficient / Expert
User profession:	Any architect (from EA to application to solution architect)
Prerequisites:	Approximately 20 hours of self-directed study to prepare for the exam

Requirements:

- A Windows-equipped laptop to run modeling software (preferably Bizzdesign Enterprise Studio, but not required)
- Certified course materials (included in the fee)
- An exam voucher (included in the fee)

General course description

This eLearning course is designed to learn about and apply ArchiMate® as a modeling language. You will gain knowledge of the structure, key concepts, and techniques of the ArchiMate® standard from The Open Group and learn how to model and visualize architectures.

Upon completing this course, including the practice exams, you will be ready to take the ArchiMate® 3 Foundation & Practitioner exam at a Pearson Vue Testing Center. After you pass the exam, you will be ArchiMate® 3 Practitioner certified and registered with The Open Group®. Our trainers are ArchiMate® Practitioner certified and authorized to deliver our accredited courses. They have successfully trained over 3000 ArchiMate® participants with a 98% exam pass rate.

During the course, you can use Bizzdesign's online Horizon modeling environment for the exercises, use a modeling tool of your choice, or use pen and paper.

Learning objectives

At the end of this course, you will:

- Understand the background, key concepts, and applications of the ArchiMate language for modeling and describing architectures
- Understand the layers and aspects of the ArchiMate® standard, how they relate and cover the enterprise
- Know each of the concepts of the language, its definition, notation, and use



- Be able to use the ArchiMate® language and techniques to visualize and communicate architectures
- Be able to apply the derivation rules for relationships in the language
- Understand the language customization mechanism
- Be able to apply the ArchiMate® standard in complex modeling situations
- Be able to complete the ArchiMate® 3 Foundation and Practitioner exam (with some self-directed study)

Literature (recommended)

- ArchiMate® 3 Specification – included in the course. Also available on [The Open Group® website](#)
- [ArchiSurance case study](#)
- [ArchiMetal case study](#)
- M. Lankhorst et al., *Enterprise Architecture at Work*, fourth edition, Springer, 2017.

Training course outline

1. Introduction
2. Definitions
3. Language structure
4. Business layer
 - Business role
 - Business interface
 - Business process
 - Business function
 - Business event
 - Business service
 - Business object
 - Contract
 - Representation
 - Product
5. Application layer
 - Application component
 - Application interface
 - Application function
 - Application process
 - Application event
 - Application service



- Data object

6. Technology layer

- Node
- Device
- System software
- Technology interface
- Path
- Communication network
- Technology function
- Technology process
- Technology event
- Technology service
- Artifact

7. Physical elements

- Physical elements example
- Physical elements metamodel

8. Interaction and collaboration

- Individually vs Collectively
- Collaboration and interaction
- Business collaboration
- Business interaction + example
- Application collaboration
- Application interaction + example
- Technology collaboration
- Technology interaction + example

9. Relationships

- Semantics of Relationships 1 and 2

10. Derived relationships

11. Relationships between core layers

12. Motivation elements

13. Strategy elements

14. Implementation & migration element

15. Generic metamodel

16. Stakeholders, viewpoints & views



17. Customization mechanisms