



## ArchiMate® 3.1 Foundation & Practitioner eLearning

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| Course duration: | Self-Paced  |
| Course level:    | Foundation (Level 1) & Practitioner (Level 2)                         |
| User competency: | Beginner / Competent / Proficient / <del>Expert</del>                 |
| 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.

### Training course outline

#### Core and relations

- Introduction to enterprise architecture and the ArchiMate® language
- Language structure and framework
- ArchiMate® Core concepts
  - Business layer
  - Application layer
  - Technology layer
- Relationships
- Relationships between Core layers

#### Additions, generic structure, and exam preparation

- Recap of Day 1
- Collaboration and interaction



- Physical elements
- Motivation elements
- Strategy layer
- Implementation & migration layer
- Generic metamodel and concepts
- Views, viewpoints, and examples
- Practice exam

#### Advanced and complex modeling

- Introduction
- Recap ArchiMate® 3 Foundation
- Additional theory
  - Derived relationships
  - Viewpoint classification and mechanism
  - Language customization
- Example models
- Practical modeling guidance
- Hands-on modeling with an extensive real-life case
- ArchiMate 3 Practitioner exam practice

### 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 additional layers and aspects of the ArchiMate standard and its general construction.
- Be able to use the ArchiMate language and techniques to visualize architectures.
- Understand the use of views and viewpoints to communicate architectures with stakeholders.
- Be able to interpret the ArchiMate® 3.1 specification correctly prior to taking the ArchiMate® 3 Foundation exam.
- Have revisited the ArchiMate® 3 concepts.
- 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 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.