



# ArchiMate® 3 Training course - Foundation & Practitioner

 **Type:** eLearning  **Level:** Foundation & Practitioner  **Duration:** Self-Paced

 **User competency:** Beginner / Competent / Proficient

 **Voucher:** Included in the price

 **User profession:** Any architect (from EA to application to solution architect)

## Requirements:

- A Windows-equipped laptop to run modeling software (preferably Bizzdesign Enterprise Studio, but not required)

## COURSE INFORMATION

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 GOALS**

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 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 and migration elements**

## 15. **Generic metamodel**

## 16. **Stakeholders, viewpoints & views**

## 17. **Customization mechanisms**