



CITA-FOUNDATION (CORE)

GENERAL INFORMATION

Description

Iasa Architect CITA-F (Foundation) Core Training Program develops a clear pathway and defined baseline for successful IT architects. The flexibility, quality, changeability, scalability and durability of a system depends on the underlying architecture. And a good architecture is based on the correct foundation work. Lack of architecture work not only results in costly and ineffective solutions, but also in long-term issues that get stuck in the activities that the solutions will support.

The CITA-Foundation certification demonstrates that you are on this path and that you are taking the necessary steps to become a fully qualified architect.

CITA-F is a certification passable on the international labor market. So far, more than 3,500 professionals around the world have been certified.

The Iasa Core Course for IT Architects gives you as an architect knowledge of models and tools for developing IT architectures that meet the demands of modern business. The curriculum is developed by IT architects for IT architects, which is one of the basic ideas behind Iasa. The course focuses on:

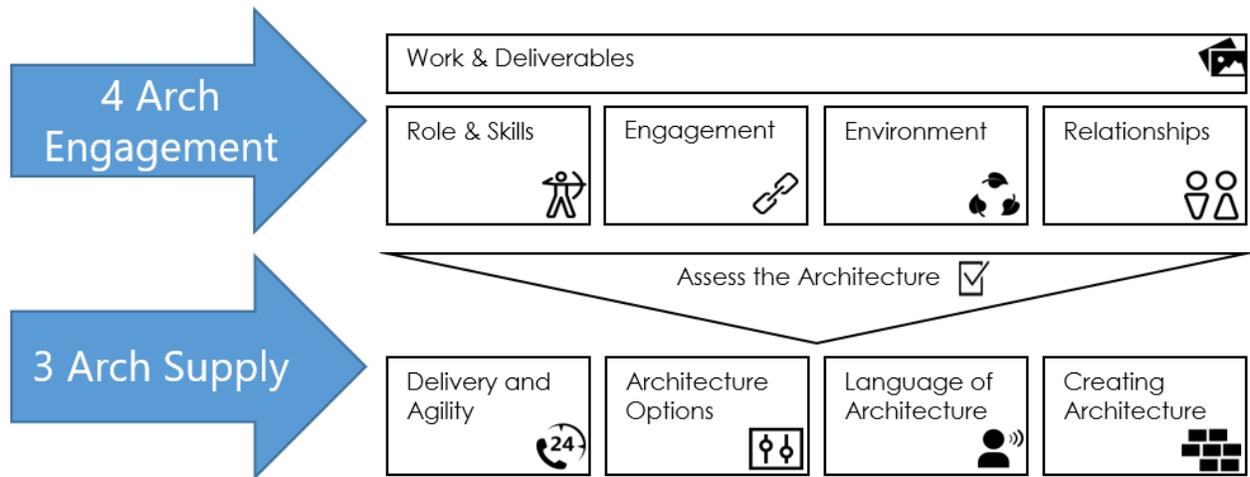
- **Architecture Thinking:** building a solid foundation and ensuring architects think like architects
- **Architecture Engagement:** understanding the role and how architects engage
- **Architecture Demand:** discovering ways to understand the demands of the business
- **Architecture Supply:** Fulfilling that demand and delivering the architecture
- **Architecture Practice:** How best to build the practice of architecture within your organization

Target Audience

Iasa's basic course is aimed at anyone who wants to become involved in architectural work.

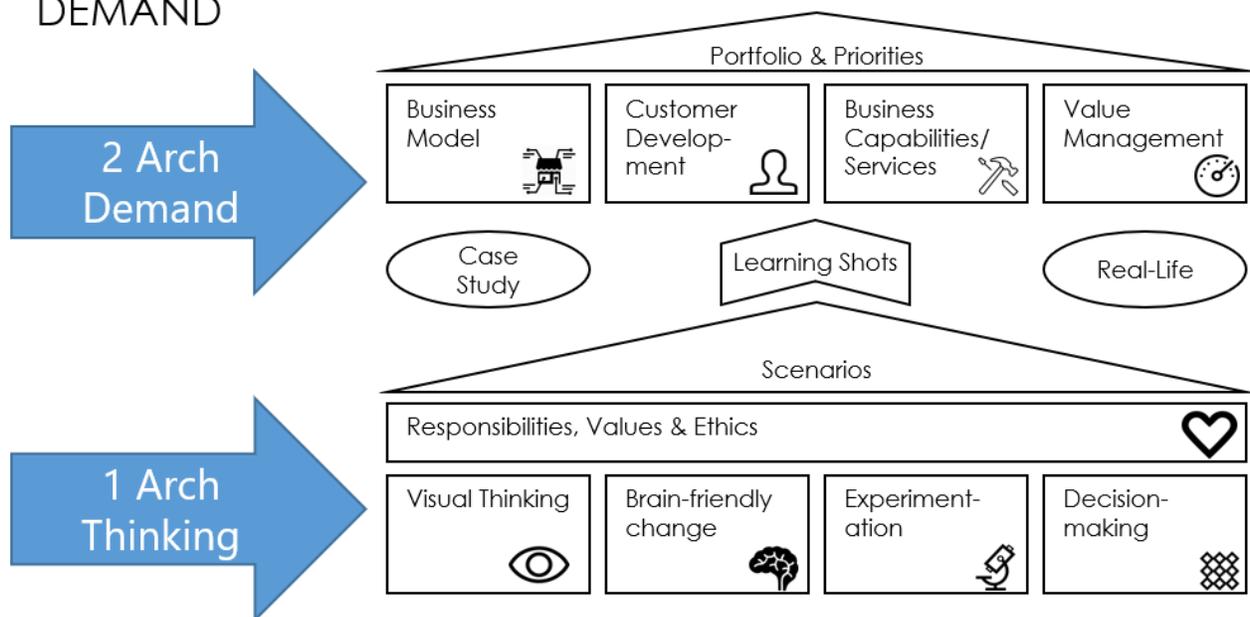
You should have basic knowledge and experience of system development. You work as a developer, project manager, information model or process developer.

COURSE MATERIALS



SUPPLY

DEMAND



COURSE MODULES

Module 00: Course Introduction

In the course introduction we will cover the background and details of the Core Pre-Work and the basis of the ITABoK as well as working descriptions of architecture and architecture practices.

Content:

- Course Schedule Review
- Challenges
- Iasa Proposition
- What is architecture
- Capability Pillars

Module 1: Architecture Thinking

There are many descriptions of architecture thinking in the world. We cover 4 primary elements of how architects work differently than other roles and professions. In this module we cover some of the elements that both set architects apart and what they need to watch for as they deliver their work.

Content:

- Visual Thinking
- Brain-friendly change
- Experimentation
- Decision-making

Module 2: Architecture Demand

Unlike many other architecture courses Iasa fully covers the 'demand' or business drivers that underly all architecturally relevant decisions. In addition these tools aid the architect in driving technology strategy through business decisions. We explore business models, customer driven architecture, and many other aspects of the business domain including innovation, value management and translation to product and portfolio methods of working.

Content:

- Business Model
- Customer Development
- Business Capabilities
- Value Management
- Portfolio & Priorities

Module 3: Architecture Supply

When describing architecture supply we work through the details of tracing technical decisions, detailed design tradeoff analysis, architecture assessment methods, views and viewpoints and architecturally significant requirements. This module introduces architectural patterns, methods for balanced architecture design and working with agility, development and delivery.

Content:

- Service Thinking
- Architecture Options
- Language of Architecture
- Creating Architecture
- Assess the Architecture

MODULE 4: Architecture Engagement

In architect engagement we cover what most students describe as their reason for being in class. Definitions for architecture, roles and team engagement, working within multiple contexts, rigorous processes and high quality architecture.

Content:

- Role & Skills
- Engagement
- Environment
- Relationships
- Work & Deliverables

COURSE SUMMARY

EXAM INFORMATION

The Certified IT Architect - Foundation (CITA-F) credential is awarded to those who qualify based on a combination of criteria including education, experience and test-based examination of professional knowledge of architectural skills and management.

The CITA-F credential is awarded by achieving a 70% or higher on the CITA-F examination. The exam consists of 75 multiple-choice/true/false questions.

The Foundation exam is available online, anytime, via IASA's Learning Management System. If attending an onsite course, the exam is proctored on the last day. If attending an online course, access is given on the last day of the course as well. Students will be given 2.5 hours each to complete the exam.