

ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION

Information Architecture

The Information Architect has mastered the management of information across and within their industry.

They work to ensure that information is used to the best advantage of their organisation or customer, and that expected information quality attribute levels are achieved.

Information architects develop deep skills in information as one of an organisation's key assets. They work in areas of presentation and information usage such as devices and interfaces as well as storage and retrieval. In addition, information architects are key to partner and be part of the internal integration. This course provides deep coverage of each of these areas.

KEY BENEFITS

- To manage information related resources including storage, retrieval, delivery, classification and utilisation of information to best deliver shareholder values as well as to support technology strategy.
- To design, build, and manage information landscape that directly supporting business objectives.
- To develop of information taxonomy and ontology schema by utilising of information and database components and their relationship in the context of technology software and infrastructure.
- To apply critical skills in the context of art and science in shaping information products, services and experiences to support usability and find-ability of information within the enterprise.
- To deliver business impacts and values on the technology within the following scopes and contexts:
 - The storage of information in database, file, image or other digital formats.
 - The retrieval of information including technical, usage and time constrains.
 - The usage of information and support of business strategy.
 - The presentation of relevant information to the users.
 - The design of information including structure, content, relationship, dependancy and data management.

WHO SHOULD ATTEND

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|------------------------------|-----------------------------|-----------------------------------|
| • Digital Content Specialist | • Data Warehouse Specialist | • Associate Information Architect |
| • Database Analysts | • Integration Specialist | • Junior Information Architect |
| • Information Analysts | • Database Administrators | • Technical Decision Maker |
| • Data Analysts | • Database Designers | • IT Management |
| • User Experience Analysts | • Datacentre Engineers | |
| • User Interface Designer | • Information Consultants | |



Information Architecture

CERTIFICATION:

Certified Information
Technology Architect
– Associate Level (CITA-A)

DURATION: 4 Days

PREREQUISITE:

- Certified Information
Technology Architect
Foundation (CITA-F)
- Iasa Associate – Business
Technology Strategy (BTS)

ASSESSMENT:

The CITA-A certification
includes two written exams
based on both **BTS** and
**Information Architecture
Specialisation** courses.

**Information for Business**

- Lesson 1 – Information as Strategy
- Lesson 2 – Relating Information to Values
- Lesson 3 – Information Scope and Governance

**Information Usage**

- Lesson 1 – How, When, Where and Why Information is used
- Lesson 2 – Quality Attributes
- Lesson 3 – Form Factors
- Lesson 4 – Data Tools and Frameworks

**Data Integration**

- Lesson 1 – Data Integration at the Company level
- Lesson 2 – Data characteristics
- Lesson 3 – Data integration at the System level

**Data Quality and Governance**

- Lesson 1 – Data and Information Quality
- Lesson 2 – Data compliance
- Lesson 3 – Data and Information Governance

**Advanced Information Management**

- Lesson 1 – Data warehousing
- Lesson 2 – Business Intelligence
- Lesson 3 – Data security and privacy
- Lesson 4 – Metadata and Taxonomy management
- Lesson 5 – Knowledge Management

**CERTIFIED INFORMATION
TECHNOLOGY ARCHITECT LEVEL****CITA-A®**

Certified Information Technology
Architect Associate

*A specialisation based credential
focusing on in-depth, role-specific
skills acquisition*

**FOUNDATION LEVEL
CERTIFICATION PATH GUIDELINE****Industry Experience**

> 5 years experience

Level Goal

Acquire in-depth knowledge for
specialisation

Activities

- Developing Enterprise Architecture
skills specialisation
- Expanding skills and practising
knowledge with oversight
- Integrating business and
technology
- Turning IT into a profit center

FOR MORE INFORMATION

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