



**ATD  
LEARNING**



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## **ATD SOLUTION**

Architecting Transformation Digitally

ATD strongly believes that every organisation must be digitally transformed in order to drive continuous transformation in this digital era. Our offerings include specialised CONSULTING, COACHING and LEARNING services in integrating business and technology.

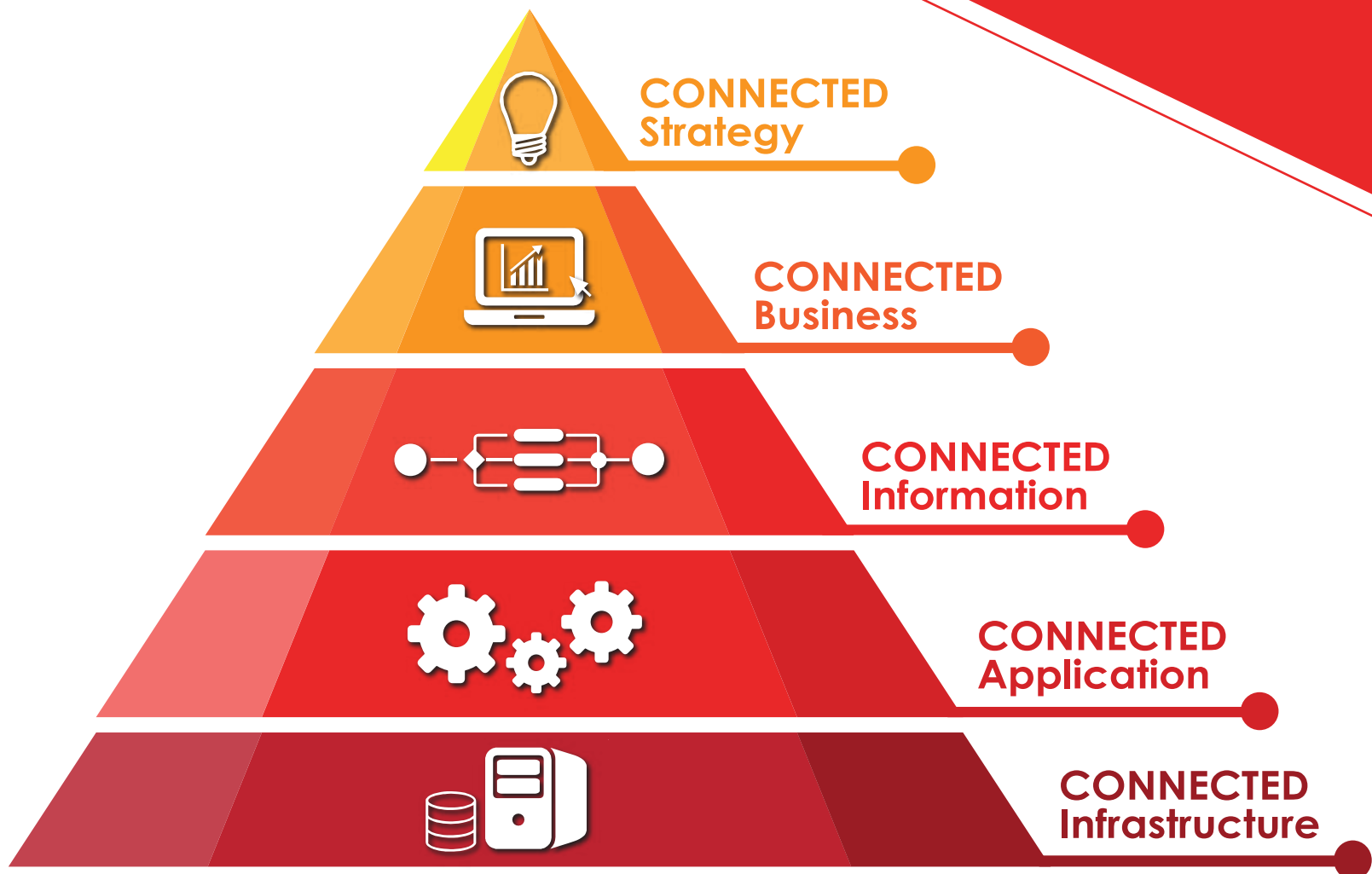
Today, we are proud to be recognised as an Asian industry leader in Digital Enterprise Architecture and dedicated in changing the way business use and adopt technologies in today's digital era.

We share our success with our clients that have been benchmarked with the global research and advisory firm as well as winners of prestigious global EA Awards.

## DIGITAL TRANSFORMATION THROUGH ENTERPRISE ARCHITECTURE

The aim of Enterprise Architecture (EA) is to drive organisations strategic innovation through aligning business and technology in delivering strategic values.

With Digital EA adoption, organisation can establish a connected digital ecosystem through orchestrating its activities across business, data, application and technology domains. This will enable the realisation of the strategic vision through digital transformation roadmap.







## COMPETENCY BUILDING FOR DIGITAL TRANSFORMATION

To achieve successful Digital Transformation, an Enterprise Architecture team requires an engagement framework that involves one or more architects in creating and delivering valuable business technology investment effectively.

This diagram represents the SIX-Components and FOUR-Layers of the Iasa's Architect Engagement Model that enables Enterprise Architects to deliver measurable values and strategic objective for continuous Digital Transformation while increasing the capabilities for innovation.

The SIX-components of Digital Transformation, namely Thought Leadership Transformation, Customer Journey Transformation, Skillsets Transformation, Information Transformation, Operating Model Transformation and Digital Business Transformation will drive the FOUR Layers of architect engagement model, namely Outcomes, Architect Components, Architect Mandate and Enterprise Architect roles.

## THINK

Digital Business Models

Capabilities

Products

Markets

Processes

Value

Innovate & Disrupt



## Outcomes

Architect Components

Architect Mandate

Enterprise Architects

Business Architects

Information Architects

Software Architects

Infrastructure Architects

Solution Architects

Maturity

People

Governance

Operational Excellence

Improvement

## REVIEW

## CHANGE

Customer Experience

Ecosystem

Involvement

Deliverables

Journey

Coverage



Transform

Quality

Culture

Tool

Processes

Community

Digital Employee

## USE

Measure



Digital Business Transformation

Customer Journey Transformation

Operating Model Transformation

Skillsets Transformation

## THE FOUR COMPONENTS OF DIGITAL EA LANDSCAPE



### FRAMEWORK & REFERENCE MODEL

The most widely used EA & governance framework.



### TOOLS & DIGITAL REPOSITORY

The 'single source of truth' platform which enables the realisation of the organisation's Digital EA.



### NOTATIONAL LANGUAGE

The enterprise notational language used for connected enterprise to model Digital EA.



### SKILLSETS & INDUSTRY BEST PRACTICES

The skillsets and industry best practices to deliver valuable technology strategy for the business.



# THE DIGITAL EA LANDSCAPE COMPONENTS BASED ON F-T-S-N



## SKILLS COMPETENCY ASSESSMENT AND DEVELOPMENT

For organisation to grow in maturity, their people competencies need to be assessed and measured so that appropriate training path will be recommended to fill the skill gaps.

## CERTIFICATION PROGRAMMES

Industry recognised certification and training programmes available from Global Industry Bodies such as; Iasa, The Open Group, ISACA and more.

## MASTER CLASS SERIES

A series of high-impact and power-learning Master Classes as the concise distillations of our certification courses.

## EXECUTIVE SERIES & CIO ROUNDTABLE

A platform for Business & IT executives to learn, share and discuss on their experience in implementing Digital Transformation Journey and Digital EA as a culture.

## CORPORATE AWARENESS SESSION

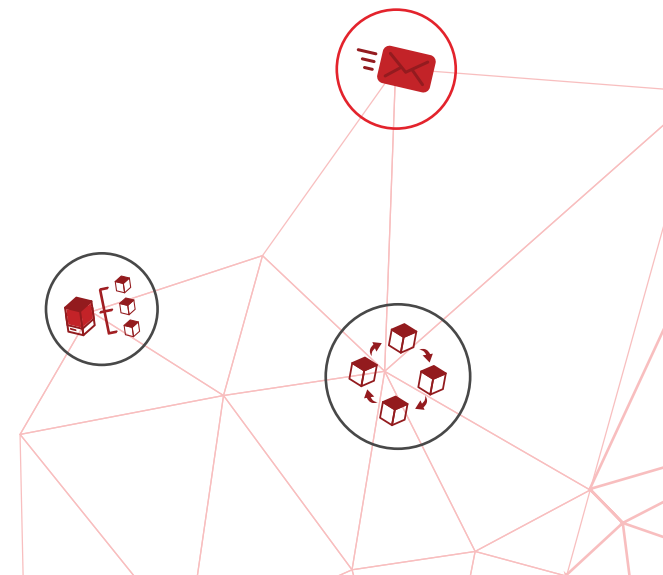
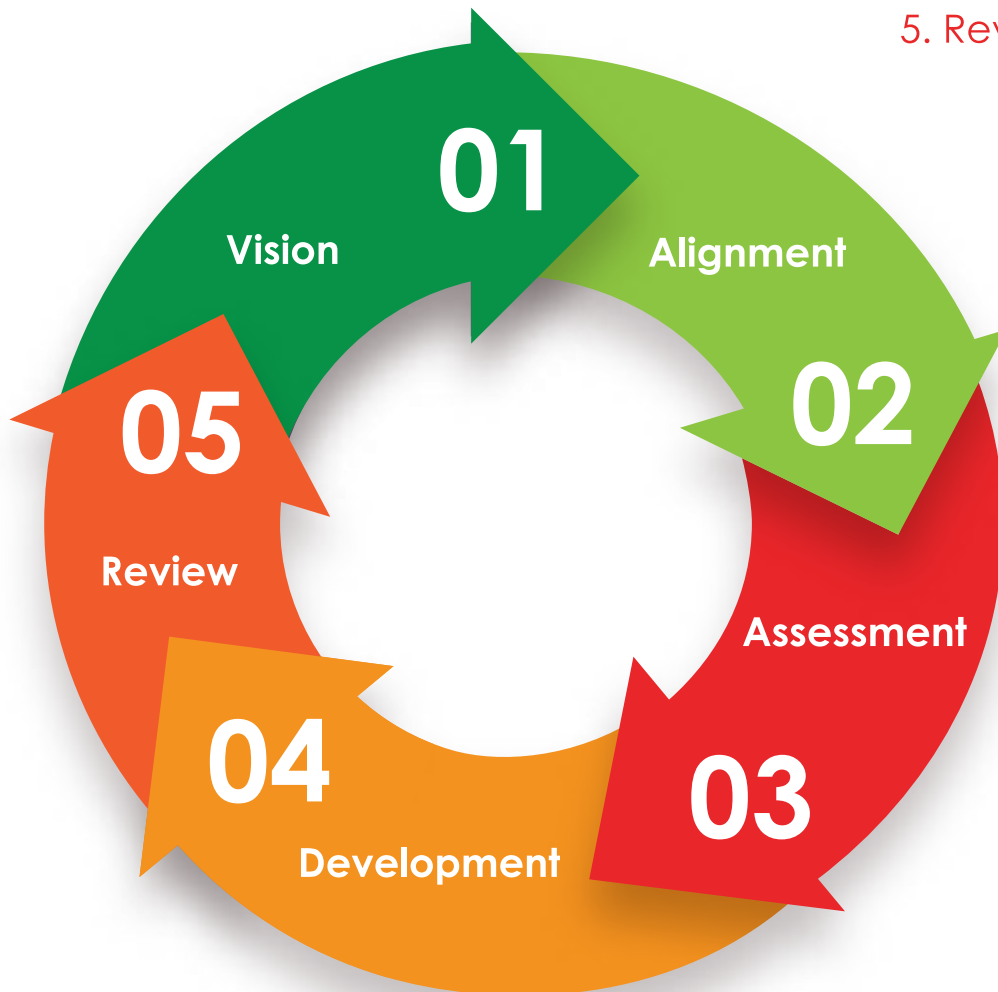
One of the most effective ways to get the key stakeholders buy-in to embark on the Digital Transformation with Digital EA Approach.

## COACHING PROGRAMME

Equipping our trainees and clients with practical skillsets through coaching and mentoring sessions for their real life business IT integration challenges and projects.

# FIVE STAGES OF COMPETENCY DEVELOPMENT

1. Understand business vision and strategy.
2. Align strategy and competency.
3. Assess individual skills and measure the gaps.
4. Build capability development solutions.
5. Review the skills competency assessment.



# I MASTER CLASS SERIES

Each Master Class is a high-impact, power-learning introduction to a particular facet of key EA concepts and the best practices. They are concise distillations of our multi-day certification courses.



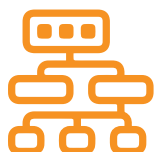
## Enterprise Architecture Specialisation Skills

- Mastering Business Architecture
- Mastering Software Architecture
- Mastering Information Architecture
- Mastering Solution Architecture
- Mastering Infrastructure Architecture



## Business Technology Skills

- Enterprise Architecture in a Nutshell
- Mastering Business Technology Strategy in the EA Context
- Mastering EA Skillsets for Successful EA Adoption
- Mastering Business Requirement Architecture
- Mastering the Software Architecture & Design Fundamental



## Enterprise Architecture Organisation Skills

- Delivering Business Values in EA using TOGAF® 9
- Standardising EA Language using ArchiMate® 3
- Mastering Enterprise Governance Framework & Architecture

# ATD LEARNING ADVANTAGES



We are proudly **AUTHORISED AND ACCREDITED BY GLOBAL INDUSTRY BODIES** that are the International benchmarks in the area of ITABoK skillsets, Enterprise Governance, Enterprise Architecture Framework and Enterprise Notational Language.



We collaborate with local authorities and professional associations to upgrade the future skillset of the workforce for the local industry. Our certification courses are supported by the **GOVERNMENT FUNDING PROGRAMMES** in some of the Asia countries.



We provide **SKILL COMPETENCY ASSESSMENT & DEVELOPMENT** to enable innovations and deliver organisation's capabilities.



We create **CUSTOMISED COACHING MODULES** for practical guidance and competencies development in real-life project implementation.



Our **ATD ACHIEVERS NETWORK** consists of industry professionals and graduates which offers our clients an invaluable opportunity to connect and benefit from their peers through our various events.



Our team of **EXPERIENCED TRAINERS & COACHES** bring to the table an average of over 20 years of experience across various industry sectors and verticals around the world.

# WHICH ROLE ARE YOU ?

Infrastructure  
Architect

Information  
Architect

Solution  
Architect

Software  
Architect

Business  
Architect



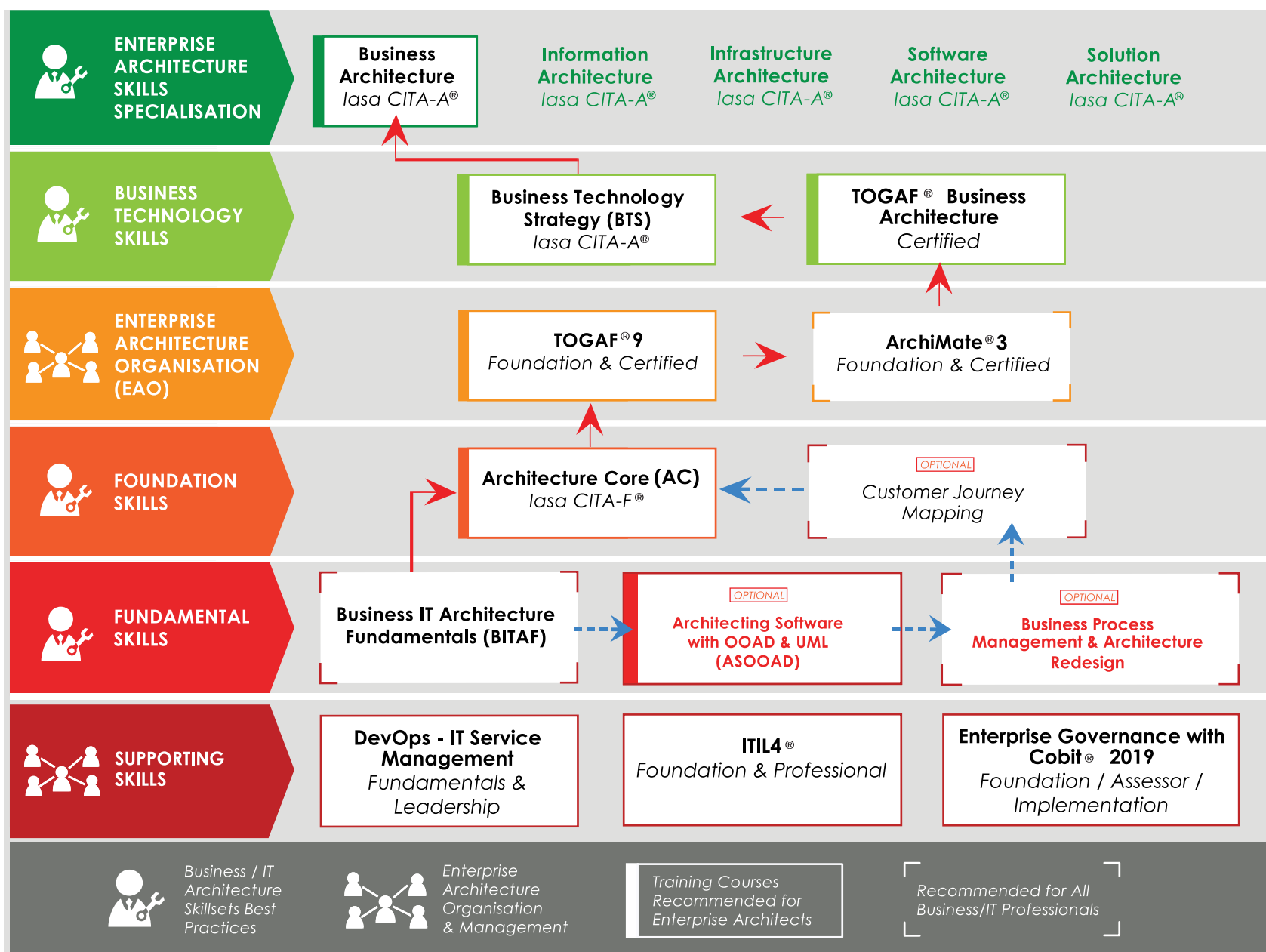
## ENTERPRISE ARCHITECTS CERTIFICATION & LEARNING PATH

Each Enterprise Architect might have a primary specialisation and one or more secondary specialisation depending on their experiences and knowledge acquired during their career journey.











# I BUSINESS ARCHITECT

A Business Architect is a business trouble-shooter and a digital strategist that focuses on innovations in delivering new business capabilities.



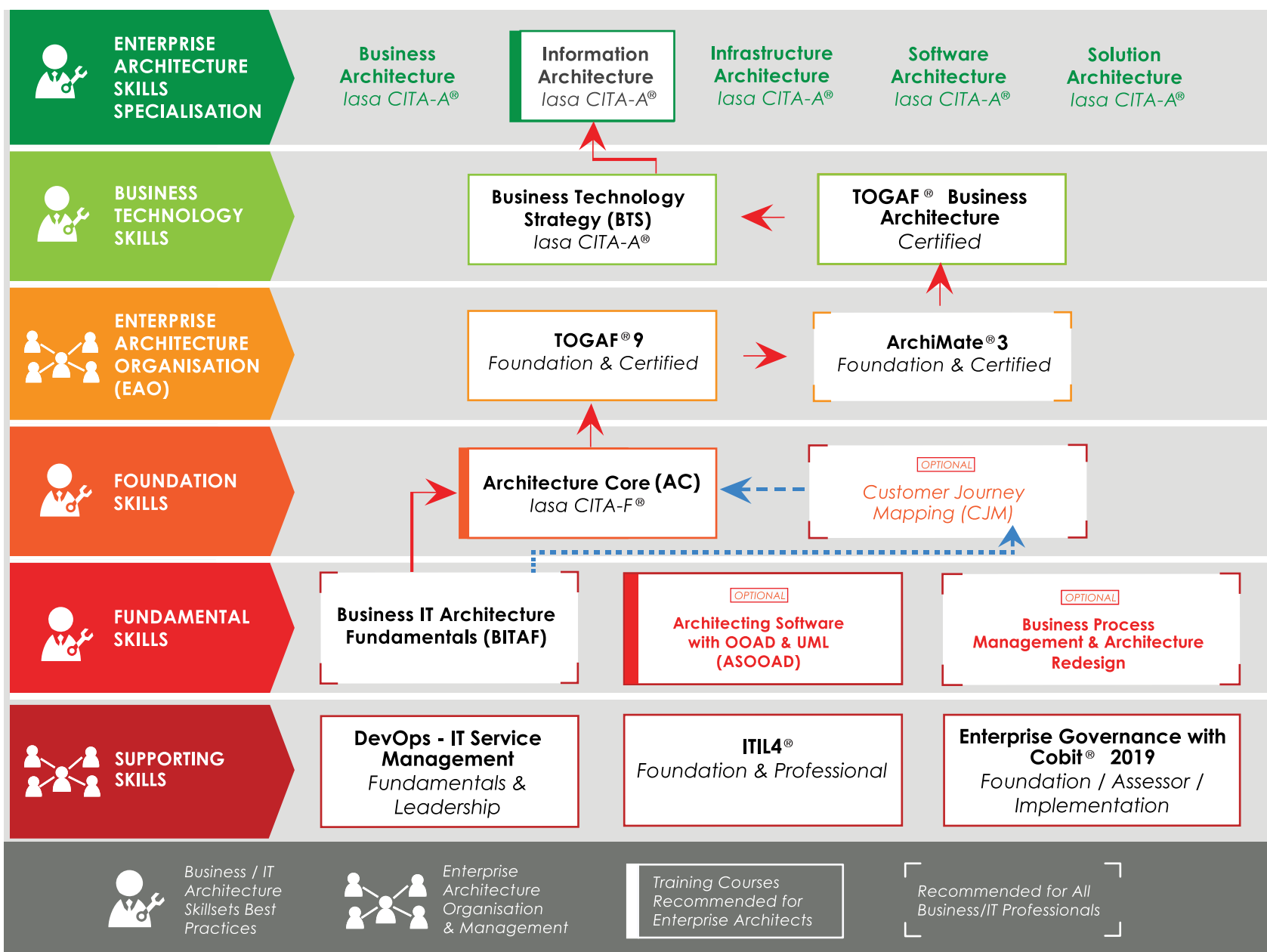
# BUSINESS ARCHITECTURE LEARNING PATH

The Business Architecture learning path provides participants with the practical skillsets in creating and refining business architecture model in the context of technology strategy to enable innovation and delivery of new business capabilities.

FUNDAMENTAL	FOUNDATION	ASSOCIATE	ADVANCED
<b>Suitable Roles:</b> Anyone who is interested in learning the fundamental skillsets to perform the roles as a Business Architect effectively.	<b>Suitable Roles:</b> Business Analyst / System Analyst, Software Engineer / Developer, Infrastructure / System Engineer, QA / Testing Analyst, IT Director / Manager and Various Roles in Business.	<b>Suitable Roles:</b> Anyone who wants to learn industry best practices on skillsets requirement to perform the roles as a Business Architect effectively.	<b>Suitable Roles:</b> Business Architects who want to sharpen their skillsets and benchmark their competencies against industry practitioners in performing the roles as a Business Architect.
<b>FUNDAMENTAL SKILLS</b>  <b>EXAM</b> Business IT Architecture Fundamentals (BITAF)  <b>OPTIONAL</b> Architecting Software with OOAD & UML (ASOOAD)  <b>OPTIONAL</b> Business Process Management & Architecture Redesign (BPMARS)	<b>FOUNDATION SKILLS</b>  <b>EXAM</b> Architecture Core (AC) Certified IT Architect <b>Foundation Level (CITA-F®)</b>   <b>OPTIONAL</b> Customer Journey Mapping (CJM)	<b>ENTERPRISE ARCHITECTURE ORGANISATION (EAO)</b>  <b>EXAM</b> TOGAF® 9 Foundation & Certified   <b>EXAM</b> ArchiMate®3 Foundation & Certified 	<b>BUSINESS TECHNOLOGY SKILLS</b>  <b>EXAM</b> Business Technology Strategy (BTS)  <b>EXAM</b> TOGAF® Business Architecture Certified   <b>ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION</b>  <b>EXAM</b> Business Architecture Certified IT Architect – <b>Associate Level (CITA-A®)</b>   <b>BOARD PANEL INTERVIEW (BPI)</b> Certified IT Architect <b>-Specialist Level (CITA-S®)</b>   Certified IT Architect <b>-Professional Level (CITA-P®)</b>   The Open Group Certified Architect <b>(OPEN CA)</b> 








# I INFORMATION ARCHITECT

An information architect is an information trouble-shooter and also a data strategist who designs the information structure to support business decision making process.



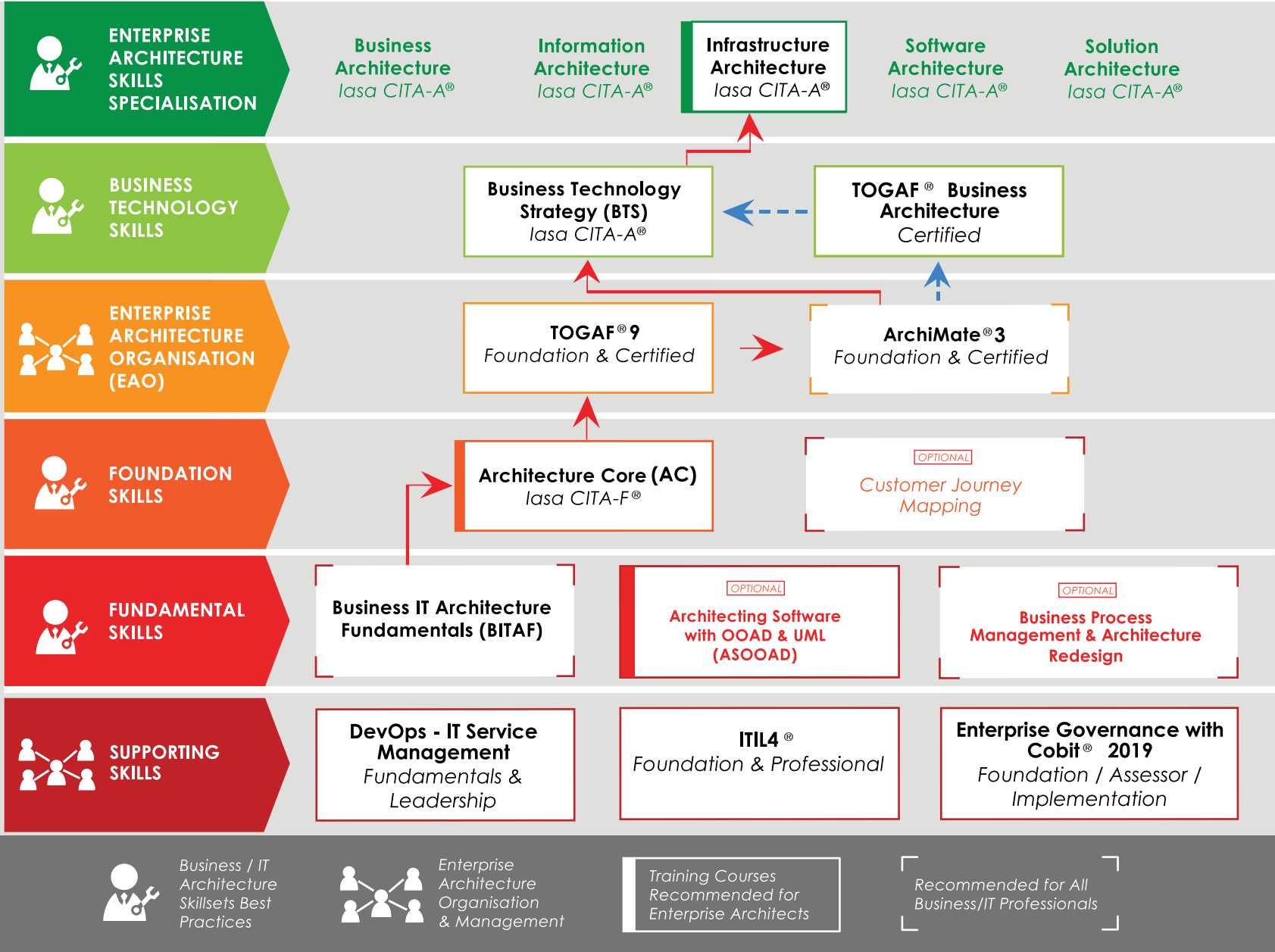
# INFORMATION ARCHITECTURE LEARNING PATH

The Information Architecture learning path provides participants with the practical skillsets in creating and refining application architecture model in the context of integrated software components design, development and deployment to support the business.

FUNDAMENTAL	FOUNDATION	ASSOCIATE	ADVANCED	
<b>Suitable Roles:</b> Anyone who is interested in learning the fundamental skillsets to perform the roles as a Business Architect effectively.	<b>Suitable Roles:</b> Data Analyst, Data Engineer, Data Scientist, DBA, Business Analyst / System Analyst, Software Engineer / Developer and Various Roles in Business.	<b>Suitable Roles:</b> Anyone who wants to learn industry best practices on skillsets requirement to perform the roles as an Information Architect effectively.	<b>Suitable Roles:</b> Information Architects who want to sharpen their skillsets and benchmark their competencies against industry practitioners in performing the roles as an Information Architect.	
<b>FUNDAMENTAL SKILLS</b>  <b>EXAM</b> Business IT Architecture Fundamentals (BITAF)  <b>OPTIONAL</b> Architecting Software with OOAD & UML (ASOOAD)  <b>OPTIONAL</b> Business Process Management & Architecture Redesign (BPMARS)	<b>FOUNDATION SKILLS</b>  <b>EXAM</b> Architecture Core (AC) Certified IT Architect <b>Foundation Level (CITA-F®)</b>  <b>OPTIONAL</b> Customer Journey Mapping(CJM)	<b>ENTERPRISE ARCHITECTURE ORGANISATION (EAO)</b>  <b>EXAM</b> TOGAF® 9 Foundation & Certified   <b>EXAM</b> ArchiMate®3 Foundation & Certified 	<b>BUSINESS TECHNOLOGY SKILLS</b>  <b>EXAM</b> Business Technology Strategy (BTS)  <b>EXAM</b> TOGAF® Business Architecture Certified   <b>ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION</b>  <b>EXAM</b> Information Architecture Certified IT Architect – <b>Associate Level (CITA-A®)</b> 	<b>BOARD PANEL INTERVIEW (BPI)</b> Certified IT Architect <b>-Specialist Level (CITA-S®)</b>   Certified IT Architect <b>-Professional Level (CITA-P®)</b>   The Open Group Certified Architect <b>(OPEN CA)</b> 

# I INFRASTRUCTURE ARCHITECT








An infrastructure architect is a technology strategist who owns the server topology, network infrastructure and datacenter environment to ensure business continuity plan to support the business.





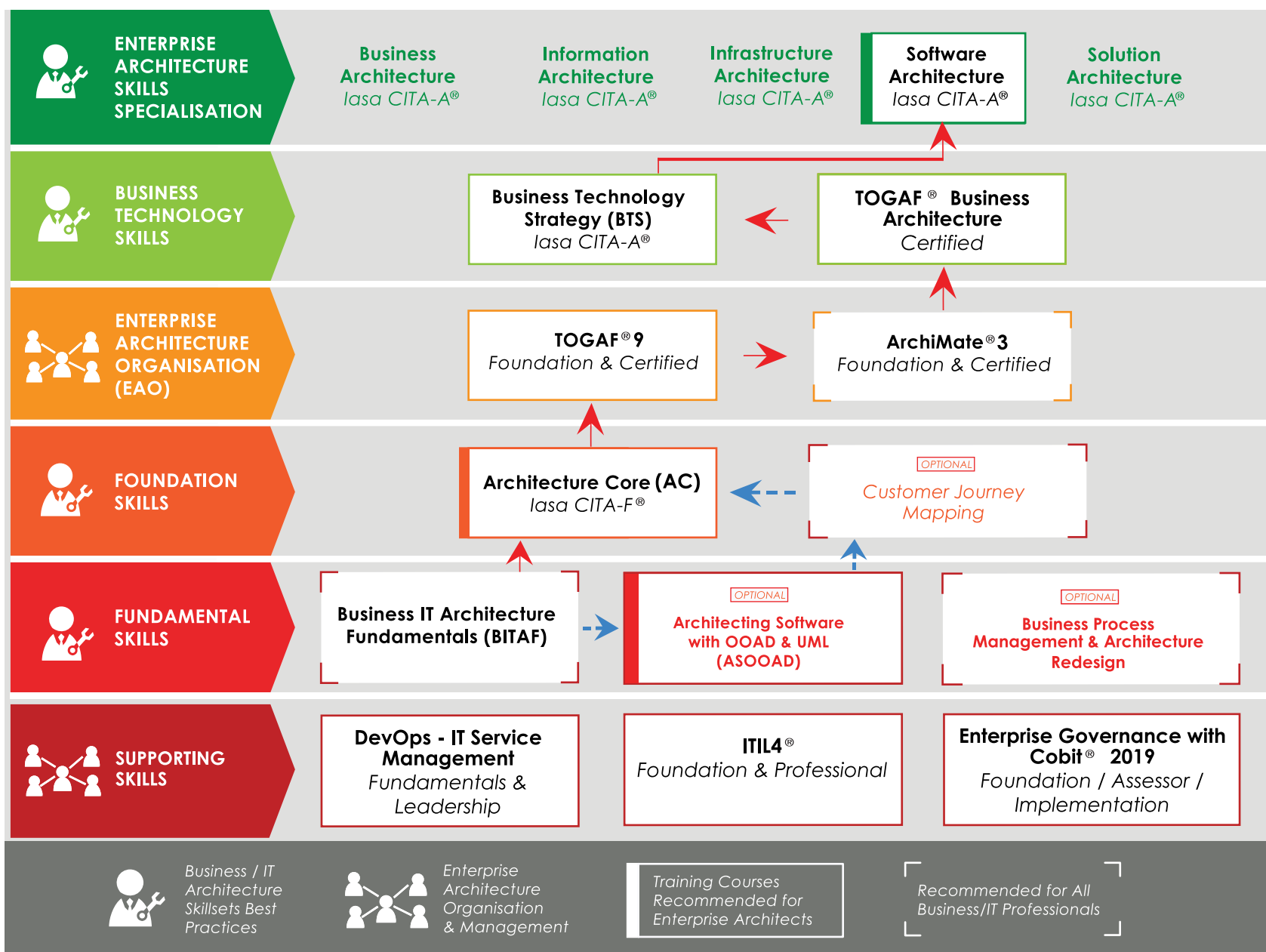
# INFRASTRUCTURE ARCHITECTURE LEARNING PATH

The Infrastructure Architecture learning path provides participants with the practical skillsets in creating and refining technology architecture model in the context of IT environment, server topology, network infrastructure, datacenter environment and disaster recovery plan to support business operation and continuity.

FUNDAMENTAL	FOUNDATION	ASSOCIATE	ADVANCED	
<b>Suitable Roles:</b> Anyone who is interested in learning the fundamental skillsets to perform the roles as an Infrastructure Architect effectively.	<b>Suitable Roles:</b> System Engineer, Network Engineer, Infrastructure / Server Engineer, Datacenter Engineer / Specialist, BCP Engineer and IoT Specialist.	<b>Suitable Roles:</b> Anyone who wants to learn industry best practices on skillsets requirement to perform the roles as an Infrastructure Architect effectively.	<b>Suitable Roles:</b> Infrastructure Architects who want to sharpen their skillsets and benchmark their competencies against industry practitioners in performing the roles as an Infrastructure Architect.	
<b>FUNDAMENTAL SKILLS</b>  <b>EXAM</b> Business IT Architecture Fundamentals (BITAF)  <b>OPTIONAL</b> Architecting Software with OOAD & UML (ASOOAD)  <b>OPTIONAL</b> Business Process Management & Architecture Redesign (BPMARS)	<b>FOUNDATION SKILLS</b>  <b>EXAM</b> Architecture Core (AC) Certified IT Architect <b>Foundation Level (CITA-F®)</b>  <b>OPTIONAL</b> Customer Journey Mapping(CJM)	<b>ENTERPRISE ARCHITECTURE ORGANISATION (EAO)</b>  <b>EXAM</b> TOGAF® 9 Foundation & Certified   <b>EXAM</b> ArchiMate®3 Foundation & Certified 	<b>BUSINESS TECHNOLOGY SKILLS</b>  <b>EXAM</b> Business Technology Strategy (BTS)  <b>EXAM</b> TOGAF® Business Architecture Certified   <b>ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION</b>  <b>EXAM</b> Infrastructure Architecture Certified IT Architect – <b>Associate Level (CITA-A®)</b> 	<b>BOARD PANEL INTERVIEW (BPI)</b> Certified IT Architect <b>-Specialist Level (CITA-S®)</b>   Certified IT Architect <b>-Professional Level (CITA-P®)</b>   The Open Group Certified Architect <b>(OPEN CA)</b> 








# I SOFTWARE ARCHITECT

A software architect is an application strategist and trouble-shooter who applies design patterns principles to achieve connected application components and integrated software services to support the business.



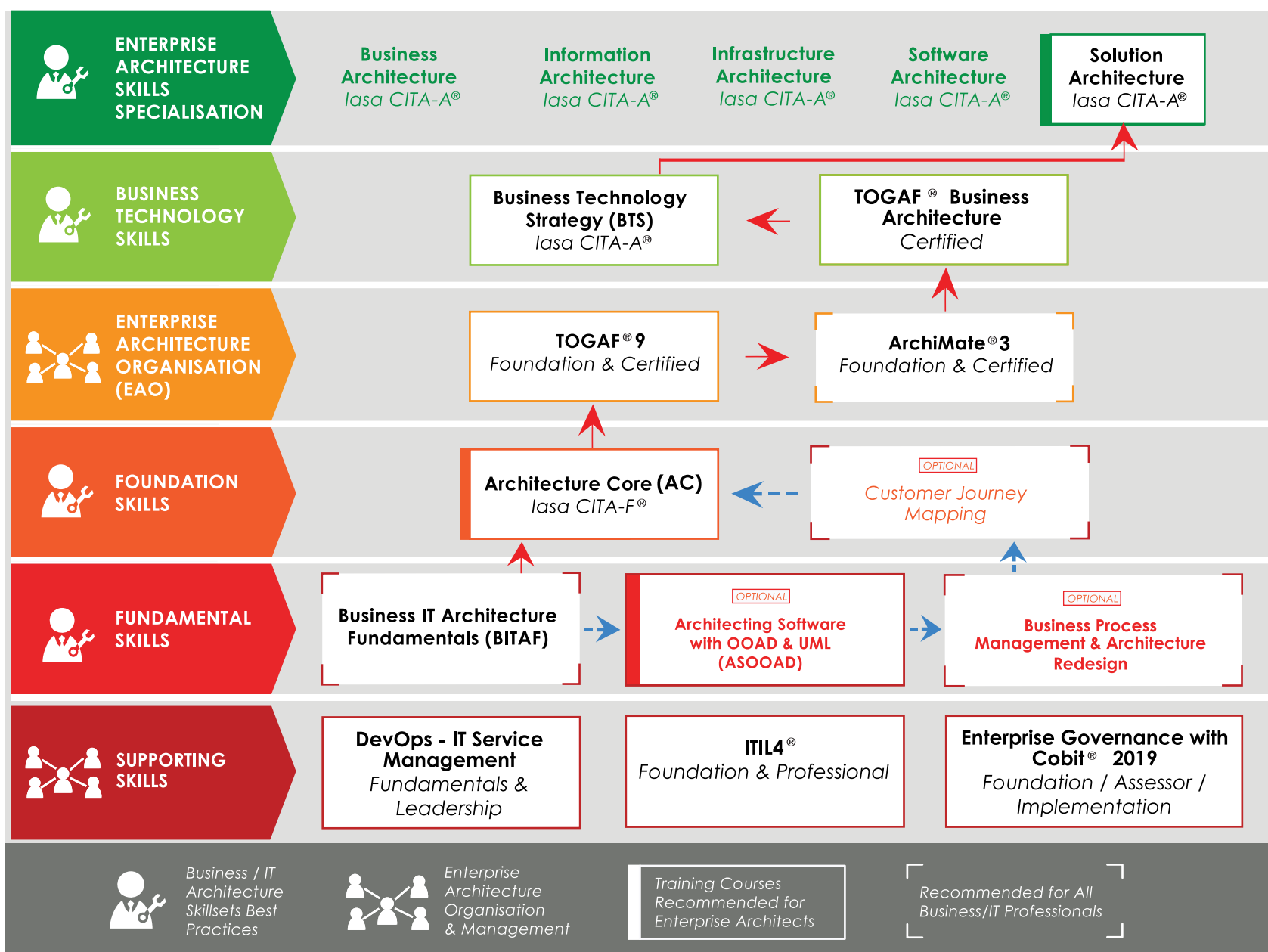
# SOFTWARE ARCHITECTURE LEARNING PATH

The Software Architecture learning path provides participants with the practical skillsets in creating and refining application architecture model in the context of integrated software components design, development and deployment to support the business.

FUNDAMENTAL	FOUNDATION	ASSOCIATE	ADVANCED
<b>Suitable Roles:</b> Anyone who is interested in learning the fundamental skillsets to perform the roles as a Software Architect effectively.	<b>Suitable Roles:</b> System Analyst, Software Engineer / Developer, Programmer Analyst and Solution Specialist.	<b>Suitable Roles:</b> Anyone who wants to learn industry best practices on skillsets requirement to perform the roles as a Software Architect effectively.	<b>Suitable Roles:</b> Software Architects who want to sharpen their skillsets and benchmark their competencies against industry practitioners in performing the roles as a Software Architect.
<b>FUNDAMENTAL SKILLS</b>  <b>EXAM</b> Business IT Architecture Fundamentals (BITAF)  <b>OPTIONAL</b> Architecting Software with OOAD & UML (ASOOAD)  <b>OPTIONAL</b> Business Process Management & Architecture Redesign (BPMARS)	<b>FOUNDATION SKILLS</b>  <b>EXAM</b> Architecture Core (AC) Certified IT Architect <b>Foundation Level (CITA-F®)</b>  <b>OPTIONAL</b> Customer Journey Mapping(CJM)	<b>ENTERPRISE ARCHITECTURE ORGANISATION (EAO)</b>  <b>EXAM</b> TOGAF® 9 Foundation & Certified   <b>EXAM</b> ArchiMate®3 Foundation & Certified 	<b>BUSINESS TECHNOLOGY SKILLS</b>  <b>EXAM</b> Business Technology Strategy (BTS)  <b>EXAM</b> TOGAF® Business Architecture Certified   <b>ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION</b>  <b>EXAM</b> Software Architecture Certified IT Architect – <b>Associate Level (CITA-A®)</b>   <b>BOARD PANEL INTERVIEW (BPI)</b> Certified IT Architect <b>-Specialist Level (CITA-S®)</b>   Certified IT Architect <b>-Professional Level (CITA-P®)</b>   The Open Group Certified Architect <b>(OPEN CA)</b> 








# I SOLUTION ARCHITECT

A solution architect is an IT strategist who designs the solution architecture and implements architecture compliance and governance tasks to ensure the alignment of system development and implementation to support the business.



# SOLUTION ARCHITECTURE LEARNING PATH

The Solution Architecture learning path provides participants with the skillsets in creating and refining solution architecture model in the context of system development during the IT project implementation in ensuring architecture compliance with the defined business architecture, information architecture, software architecture and infrastructure model to support the business.

FUNDAMENTAL	FOUNDATION	ASSOCIATE	ADVANCED		
<b>Suitable Roles:</b> Anyone who is interested in learning the fundamental skillsets to perform the roles as a Solution Architect effectively.	<b>Suitable Roles:</b> System Analyst, Software Engineer / Developer, Infrastructure / System Engineer, Information / Data Analyst and Data Scientist.	<b>Suitable Roles:</b> Anyone who wants to learn industry best practices on skillsets requirement to perform the roles as a Solution Architect effectively.	<b>Suitable Roles:</b> Solution Architects who want to sharpen their skillsets and benchmark their competencies against industry practitioners in performing the roles as a Solution Architect.		
<b>FUNDAMENTAL SKILLS</b>  <b>EXAM</b> Business IT Architecture Fundamentals (BITAF)  <b>OPTIONAL</b> Architecting Software with OOAD & UML (ASOOAD)  <b>OPTIONAL</b> Business Process Management & Architecture Redesign (BPMARS)	<b>FOUNDATION SKILLS</b>  <b>EXAM</b> Architecture Core (AC) Certified IT Architect <b>Foundation Level (CITA-F®)</b>  <b>OPTIONAL</b> Customer Journey Mapping(CJM)	<b>ENTERPRISE ARCHITECTURE ORGANISATION (EAO)</b>  <b>EXAM</b> TOGAF® 9 Foundation & Certified   <b>EXAM</b> ArchiMate®3 Foundation & Certified 	<b>BUSINESS TECHNOLOGY SKILLS</b>  <b>EXAM</b> Business Technology Strategy (BTS)  <b>EXAM</b> TOGAF® Business Architecture Certified 	<b>ENTERPRISE ARCHITECTURE SKILLS SPECIALISATION</b>  <b>EXAM</b> Solution Architecture Certified IT Architect – <b>Associate Level (CITA-A®)</b> 	<b>BOARD PANEL INTERVIEW (BPI)</b> Certified IT Architect <b>-Specialist Level (CITA-S®)</b>   Certified IT Architect <b>-Professional Level (CITA-P®)</b>   The Open Group Certified Architect <b>(OPEN CA)</b> 





## EA SKILLSETS - The IASA Certifications

Iasa (The Global IT Architect Association) is the premier association focuses on the IT architecture profession by leading the best practices in Enterprise Architecture for the corporate and government sectors. Iasa delivers education programmes and services to enterprise architects of all levels around the world.

Established in 2002, the association is committed to improve the quality of the enterprise architecture professionals by delivering standards and develop accreditation programmes and services to optimise the development of architecture profession.

IASA membership consists of approximately 80,000 members located in over 50 countries.

The Iasa certification programmes are the first global industry certifications that are completely vendor independent. The training curriculum is built around the five pillars of IT Architecture Body of Knowledge (ITABoK), developed by a group of professional architects from various industry with world's best practices.

ATD is the sole authorised provider and distributor of all Iasa's architecture training & certification programmes in Asia Pacific. Our accredited learning programmes are conducted by qualified and experienced coaches and consultants who are all Iasa certified.



### ENTERPRISE ARCHITECTURE

Business  
Architecture

Information  
Architecture

Infrastructure  
Architecture

Software  
Architecture

Design

Human Dynamics

Quality Attributes

IT Environment

Business Technology Strategy

	FUNDAMENTAL	FOUNDATION	ASSOCIATES	ADVANCED
Certification	Certificate of Fundamental Understanding	Certificate of IT Architect - Foundation (CITA-F®)	Certificate of IT Architect - Associate (CITA-A®)	Certificate of IT Architect - Specialist (CITA-S®) & CITA® - Professional (CITA-P®)
Course	Business IT Architecture Fundamentals (BITAF) (3 days)	Architecture Core (4 days)	Business Technology Strategy (4 days) + Architecture Specialisation (4 days)	Experience documentation, presentation and panel interviews
Prerequisites	None	None, but recommended to go through BITAF	CITA-F® certified	CITA-A® certified
Level Goal	Understand core terminology and fundamental skills in Business & IT integration and communication.	Demonstrate awareness of Foundation ITABoK.	Demonstrate practical application of Associate ITABoK and their Specialisation ITABoK.	CITA-S®: Demonstrate excellence and experience in applying skills and knowledge from ITABoK, Skill Taxonomy and Specialisation. CITA-P®: Demonstrate synthesis and industry leadership in Skill Taxonomy, their primary Specialisation, depth in a particular Domain or Sub-Specialisation, and significant contribution to industry.
Activities	<ul style="list-style-type: none"> <li>Understand core skills and terminology.</li> <li>Comprehend Business&amp;IT roles in an organisation.</li> <li>Learn fundamentals of ITABok skill sets.</li> <li>Master the Business Requirement Architecture.</li> </ul>	<ul style="list-style-type: none"> <li>Apply ITABoK skillsets in real life scenarios to deliver business value.</li> <li>Understand and apply EA Framework and Notation.</li> <li>Deliver Business capabilities through EA best practices</li> </ul>	<ul style="list-style-type: none"> <li>Develop EA skills specialisation.</li> <li>Expand skills and practicing knowledge with oversight.</li> <li>Integrate business and technology.</li> <li>Turn IT in to a profit center.</li> </ul>	<ul style="list-style-type: none"> <li>Mentor and lead complex initiatives.</li> <li>Lead organisation-wide changes.</li> <li>Research new areas of architecture.</li> <li>Speak and share at conferences.</li> </ul>



## EA FRAMEWORK & MODELLING LANGUAGE - The Open Group Certifications

ATD is an accredited training and certification centre for TOGAF® and ArchiMate®, and a global commercial license for The Open Group training programmes.

The Open Group is a global consortium that enables the achievement of business objectives through IT standards. With more than 400-member organisations, The Open Group has a globally diverse membership that spans across sectors of the IT community. The Open Group EA standards include the TOGAF® framework and the ArchiMate® modelling language.

TOGAF® is a proven Enterprise Architecture (EA) methodology and framework used by the world's leading organisations to improve business efficiency.

It is the most prominent and reliable EA standard, ensuring consistent standards, methods, and communication among enterprise architecture professionals.

ArchiMate® is an open and independent modelling language for EA, supported by different tool vendors and consulting firms. ArchiMate® provides instruments to support Enterprise Architects in describing, analysing and visualising the relationships among business domains in an unambiguous way.

ATD is the Official and Authorised Accredited Training Provider for The Open Group TOGAF® and ArchiMate® Training Courses & Certifications. We adopted both industry best practices with well accepted standards; TOGAF® and ArchiMate®, as our principal references for our CONSULTING, COACHING and LEARNING services.

	TOGAF® 9	TOGAF® BUSINESS ARCHITECTURE LEVEL 1	ARCHIMATE® 3
Certification	TOGAF® 9 Foundation & Certified	TOGAF® Business Architecture Level 1	ArchiMate® 3 Foundation & Certified
Course	ATD offers combined TOGAF® 9 Foundation & Certified in 4 days.	ATD offers TOGAF® Business Architecture Level 1 in 3 days.	ATD offers combined ArchiMate® 3 Foundation & Certified in 3 days.
Prerequisites	TOGAF® 9 Foundation	TOGAF® 9 Foundation	ArchiMate® 3 Foundation
Level Goal	Provide validation that the trainee has gained fundamental knowledge of the terminology and basic concepts of TOGAF® 9 and understand the core principles of Enterprise Architecture and TOGAF®.	Provide validation that the trainee has gained knowledge of the business modelling and how it relates to Enterprise Architecture within TOGAF context.	Provide validation that the trainee has gained knowledge of the notation, terminology, structure, and concepts of the ArchiMate® modelling language. The learning objectives at this level focus on knowledge and comprehension.



## ENTERPRISE IT GOVERNANCE & MANAGEMENT - The COBIT Framework Certifications

The APMG-International is a leading Examination Institute who accredits training and consulting organisations, and manages certification schemes for professionals with the strictest assessment process that training and consulting organisations have to undergo.

ATD is an APMG Accredited Training organisation and certification provider for COBIT® on all three (3) levels; Foundation, Implementation and Assessor.

The latest edition of ISACA's globally accepted COBIT® framework provides an end-to-end business view of enterprise IT governance that reflects the central role of information and technology in creating value for enterprises.

The principles, practices, analytical tools and models found COBIT® embody thought leadership and guidance from business, IT and governance experts around the world.

COBIT® is a leading-edge business optimization and growth roadmap that leverages proven practices, global thought leadership and groundbreaking tools. It is a governance standard which established within organisations towards achieving strategic goals and realise business benefits through the effective and innovative use of IT.



	Select one of the certification path		
	COBIT® FOUNDATION	COBIT® IMPLEMENTATION	COBIT® ASSESSOR
Certification	COBIT® Foundation	COBIT® Implementation	COBIT® Assessor
Course	3 days	3 days	3 days
Prerequisites	None	COBIT® Foundation	COBIT® Foundation
Level Goal	Delve into the essential components of COBIT® 5 and learn how it covers the business end-to-end processes to help you govern and manage enterprise IT effectively.	Learn a practical application and implementation in applying COBIT® based on the specific business problems, pain points, triggered events and risk scenarios within the organisation.	Learn to assess an enterprise's process capabilities from the COBIT® Process Reference Model (PRM). Evidence-based for a reliable, consistent and reproducible way to assess IT process capabilities, this model helps IT leaders to gain C-level and board members buy-in for the change and improvement initiatives.



## CERTIFICATION COURSE LISTING

### FUNDAMENTAL SKILLS

- Architecting Software with OOAD & UML (ASOOAD)
- Business IT Architecture Fundamental (BITAF)
- DevOps Fundamentals – IT Service Management

### FOUNDATION SKILLS

- Architecture Core (AC)
- Business Process Management & Architecture Redesign
- Customer Journey Mapping (CJM)
- ITIL4® Foundation Certification

### ENTERPRISE ARCHITECTURE ORGANISATION SKILLS

- ArchiMate® 3
- Enterprise Governance with Cobit®
- TOGAF® 9
- TOGAF® Business Architecture Level 1
- ITIL4® Managing Professional Certification

### BUSINESS TECHNOLOGY SKILLS

- Business Technology Strategy (BTS)
- DevOps Leadership – IT Service Management

### ENTERPRISE ARCHITECTURE SPECIALISATION SKILLS

- Business/Information/Infrastructure/Software/Solution

# Architecting Software with OOAD & UML (ASOOAD)

**Level** ▶ Fundamental Skills

**Duration:** 3 Days

**Pre-requisite:** None

**Certification:** Certificate of Fundamental Understanding in Architecting Software using Object-Oriented Analysis and Design

This is a rigorous course (25% class presentations and 75% hands-on sessions) designed to equip the participants with key fundamentals skills and techniques in software and solution architecture via appropriate adoption and application of Object-Oriented Analysis and Design (OOAD) techniques. It use send-to end real-life business scenarios to expose participants to seven highly practical modelling techniques and approaches in architecting software based on the 14 UML notations.

## Training Benefits:

- Architect software with OOAD techniques that would contribute toward enterprise agility, ease of maintenance, and flexibility against dynamic business demands.
- Advance software development and design patterns techniques to improve quality attributes, robustness and ease of maintenance.
- Understand on how to streamline the software development process for better planning and utilisation of resources for competitive edge.

## Recommended for:

- Business Analyst / System Analyst.
- Software Engineer / Programmer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects (Software & Solution).

[atdsolution.com/asood](http://atdsolution.com/asood)

# Business IT Architecture Fundamental (BITAF)

**Level** ▶ Fundamental Skills

**Duration:** 3 Days

**Pre-requisite:** None

**Certification:** Certificate of Fundamental Understanding in Aligning IT with Business

This is one of our most popular courses. In a nutshell, BITAF is akin to Enterprise Architecture Fundamentals for Dummies. Combining the best practices of Architecting Business with IT and Business Requirement Architecture, this course demonstrates the key benefits and strategic values of integrating architecture into a business.

## Training Benefits:

- Calculate architecture ROI modelling for IT initiatives, which would allow stakeholders to identify, justify and convey technology value to business.
- Understand architecture management structure and identify Business IT Architecture best practices.
- Match business needs and wants accurately using Business Requirement Architecture, a proven technique using scenarios for both business and IT teams.

## Recommended for:

- Business Analyst / System Analyst.
- Data Analyst / Engineer / Scientist.
- All technology project stakeholders (IT and Business teams).
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/bitaf](http://atdsolution.com/bitaf)

# Devops Fundamentals – IT Service Management

**Level ▶** Fundamental Skills

**Duration:** 3 Days

**Pre-requisite:** None. Working experience in IT would be beneficial

**Certification:** Peoplecert, DevOps Fundamentals Certificate

DevOps (a clipped compound of "development" and "operations") is a software development approach to work that combines software development (Dev) with information technology operations (Ops). The goal of DevOps is to shorten the systems development life cycle while delivering software releases frequently, in close alignment with business objectives in a faster, better, and cost-efficient way. The DevOps approach to work is based on three critical success factors: cultural shift, improvement of practices and processes, and leverage of automation technologies.

## Training Benefits:

- Get guidance on how to work with DevOps practices and how to achieve better collaboration and communication.
- Learn how to use tools efficiently and effectively within a DevOps environment to achieve business goals, using a fullstack approach.
- Improve the workflow between software developers and IT operations professionals and support organisations in their digital transformation journey.
- Learn through hands-on guidance how the DevOps cultural and professional movement supports organisational efforts to reduce costs, while increasing agility, speed of execution, and output quality.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects(Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/devops-fundamentals](https://atdsolution.com/devops-fundamentals)

# Architecture Core (AC)

**Level ▶** Fundamental Skills

**Duration:** 4 Days

**Pre-requisite:** None

**Note:** Knowledge on the Business IT Architecture Fundamentals (BITAF) would be an added advantage or Certified in BITAF is highly recommend prior to this course. (Choose one)

**Certification:** CITA-F® (Certified Information Technology Architect - Foundation level)

The Architect Core course is the foundation skillsets level course based on Iasa ITABoK® (IT Architecture Body of Knowledge). Throughout this training participants will be equipped with knowledge of appropriate tools, information, terminology and practical skills required for setting up an Enterprise Architecture Office (EAO), selecting and prioritising IT projects, assigning resources, and creating values to stakeholders.

## Training Benefits:

- Create technology strategic values with tangible Architecture ROI modelling technique.
- Apply the five core architecture skillsets from an Enterprise Architecture perspective.
- Select / Create / Review business cases based on tangible and intangible values.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/ac](https://atdsolution.com/ac)



# Business Process Management & Architecture Redesign

**Level** ▶ Foundation Skills

**Duration:** 2 Days

**Pre-requisite:** None

**Certification:** None

Business Process Architecture & Redesign Strategy course is designed to provide fundamental knowledge in implementing and improving the existing process management framework in an organisation from a business perspective. It enables continuous improvement that will result in business process efficiency, including resources management.

## Training Benefits:

- Comprehend the components of business process architecture, their relationships and interdependencies.
- Appreciate the holistic nature of business process management and governance.
- Identify the reasons and benefits behind business process redesign efforts, and make informed recommendations for such efforts in favour of business agility and value enhancements.
- Reconcile business process architecture and redesign initiative to align with corporate strategies.

## Recommended for:

- Senior management (CxO's).
- Head of LOB (Line of Business).
- Business Process Consultants / Engineers.
- Business Analysts / System Analysts.
- IT / Project Managers.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/bpars](http://atdsolution.com/bpars)

# Customer Journey Mapping (CJM)

**Level** ▶ Foundation Skills

**Duration:** 2 Days

**Pre-requisite:** None

**Certification:** None

Customer Journey Mapping course is based on the service re-design principle that provides a systematic and creative approach to meet the rising expectations of the customers regarding the quality of services that we provide. A corner stone of service re-design is the understanding and mapping of our customers' journey with us. The customer journey map illustrates the steps taken at any point in time that our customer goes through the engagement with us.

## Training Benefits:

- Understand the core concepts of customer centricity and service re-design principle.
- Learn the various elements and techniques to visualise the customer journey map.
- Identify areas of improvement through gap analysis methods focuses on customers' perspective.

## Recommended for:

- Customer Service / Customer Facing team.
- Service Designer / Business Analyst.
- Customer Experience (UI/UX) Designer.
- Business Process Analyst / System Analyst.
- Product / Service Development Professional.
- Enterprise Architect (Business, Information & Solution).

[atdsolution.com/cjm](http://atdsolution.com/cjm)

# ITIL4® Foundation Certification

*Level ▶ Foundation Skills*

*Duration: 3 Days*

*Pre-requisite: None*

*Certification: AXELOS, ITIL4® Foundation Certificate*

The ITIL 4 Foundation certification is designed as an introduction to ITIL 4 and enables candidates to look at IT Service Management through an end-to-end operating model for the creation, delivery and continual improvement of tech-enabled products and services. This certification can help those who require basic understanding of ITIL framework, how ITIL can be used to enhance IT service management and IT professionals.

## Training Benefits:

- A holistic approach to the facilitation of co-creation of value with customers and stakeholders in the form of products & services.
- Gain understanding of the guiding principles of ITIL4 & the four dimensions of Service Management.
- Understand the key concepts from Lean, Agile & DevOps to deliver business value.

## Recommended for:

- Individuals require basic ITIL framework.
- IT professionals.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/itil4foundation](https://atdsolution.com/itil4foundation)

# ArchiMate® 3

*Level ▶ Foundation Skills*

*Duration: 3 Days*

*Pre-requisite: None*

*Certification: The Open Group ArchiMate® 3 Foundation + Certified (Level 1 + 2)*

Architecture and presents in an unambiguous way standardised EA diagrams to visualise, describe and analyse the whole range of architecture domains including their various dependencies and relationships. These are the methodology and framework which architects can represent the Viewpoints and Views to capture the concerns of all stakeholders (especially for those who have impacted by the transformation process) for new innovations and enterprise capability development.

## Training Benefits:

- Gain understanding on the core concepts of ArchiMate® and their application in the context of TOGAF® EA framework.
- Understand the aspects and layers in ArchiMate® (Application layer, Business layer, Technology layer) and their interrelationship.
- Understand the relationship of ArchiMate® in conjunction with BPMN and UML languages.
- Develop Digital Enterprise Map that represent the connected model of motivation, strategy, business, application, information, technology and solution implementation.

## Recommended for:

- All Business and Team members.
- All technology project stakeholders (IT and Business teams).
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/archimate](https://atdsolution.com/archimate)



# Enterprise Governance Framework & Architecture with COBIT®

*Level ▶ Enterprise Architecture Organisation Skills*

*Duration: 3 Days*

*Pre-requisite: None*

*Certification: Cobit® Certified*

It is desirable for all architects and IT professional to be familiar with COBIT®, a comprehensive framework for governance and management of IT assets based on globally accepted principles, analytical tools, models and practices. Participants will learn to use COBIT® to support their enterprise governance by defining and aligning business goals with IT processes and objectives. The true optimal business values of IT can only be obtained through a balancing act of benefits realisation, risk exposure and usage of resources.

## Training Benefits:

- Realise strategic goals and business benefits through effective and innovative use of IT.
- Achieve operational excellence through reliable and efficient application of technology.
- Manage IT-related risk and optimise the cost of IT services.
- Assure compliance with relevant laws, regulations, contracts and policies.

## Recommended for:

- CIO, VP of Technology, Head of IT.
- Content / Service / Project Manager.
- IT Governance Executives, IT Auditors and Quality Assurance professionals, Risk and Security Practitioner.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/cobit](http://atdsolution.com/cobit)

# COBIT® Implementation

*Level ▶ Enterprise Architecture Organisation Skills*

*Duration: 3 Days*

*Pre-requisite: COBIT ® Foundation Certified*

*Certification: COBIT ® Implementation Certified*

COBIT® 5 Implementation course equips participant with practical approach on how to apply COBIT® 5 to specific business problems, pain points, trigger events and risk scenarios within the organisation. Learn how to implement and apply COBIT® 5 into your enterprise and how to effectively use it for client initiatives. This course will equip participants with the techniques on how to effectively use COBIT® 5 for different organisational scenarios.

## Training Benefits:

- Understand the implementation challenges, root causes and success factors.
- Determine and assess current process capability.
- Analyse enterprise drivers.
- Scope and plan improvements.
- Identify potential implementation pitfalls.

## Recommended for:

- IT Auditors / Managers.
- IT Quality professionals.
- IT Leadership / Management.
- Enterprise / Corporate / IT Governance.
- Process practitioners and managers in IT service providing firms.

[atdsolution.com/cobitimplementation](http://atdsolution.com/cobitimplementation)

# COBIT® Assessor

*Level ▶ Enterprise Architecture Organisation Skills*

*Duration: 3 Days*

*Pre-requisite: COBIT® Foundation Certified*

*Certification: COBIT® Assessor Certified*

The COBIT® Assessor course equips participants with a basis for assessing an enterprise's process capabilities against the COBIT® Process Assessment Model (PAM). Evidence-based to enable a reliable, consistent and repeatable way to assess IT process capabilities, this model helps IT leaders gain C-level and board member buy-in for change and improvement initiatives.

## Training Benefits:

- Perform a process capability assessment using the Assessor Guide using COBIT®.
- Apply the Process Assessment Model (The PAM) in performing a process capability assessment.
- Identify and assess the roles and responsibilities in the process capability assessment process.
- Scope an assessment using the tools provided and the PAM for the selection of the appropriate processes.
- Use the self-assessment guide to measure process capability level.

## Recommended for:

- Internal / External Auditor.
- IT Auditor / Consultant.
- Enterprise / Corporate / IT Governance.

[atdsolution.com/cobitassessor](https://atdsolution.com/cobitassessor)

# TOGAF® 9

*Level ▶ Enterprise Architecture Organisation Skills*

*Duration: 4 Days*

*Pre-requisite: None*

*Certification: The Open Group TOGAF® 9 Foundation + Certified (Level 1 + 2)*

The Open Group TOGAF® Version 9 course furnishes the participants with a practical and proven methods, building blocks and resources that facilitate the design and development of EA across four domains: Business, Data, Application and Technology. It offers the means of uniting different methodologies in business planning, Enterprise Architecture and project management under one common framework.

## Training Benefits:

- Understand and apply the phases of TOGAF® Architecture Development Method (ADM).
- Develop the Architecture Building Block (ABB), and the implementation and mapping of Solution Building Block (SBB) according to the ABB.
- Recognise the importance of Architecture Governance and its resourcefulness in tracking business metrics.
- Fit IT Security, Cloud/SOA, technology/platform solutions into TOGAF® framework.

## Recommended for:

- PMO / Transformation Office team.
- Middle to senior management including CTO.
- Board Members (Directors, VPs, Head of IT, CIO).
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution)

[atdsolution.com/togaf](https://atdsolution.com/togaf)

# TOGAF® Business Architecture Level 1

**Level** ▶ Enterprise Architecture Organisation Skills

**Duration:** 3 Days

**Pre-requisite:** None. Basic understanding of TOGAF® is recommended.

**Certification:** The Open Group TOGAF® Business Architecture Level 1

TOGAF®, 'The Open Group Architecture Framework', is a proven Enterprise Architecture (EA) methodology and framework used by the world's leading organizations to improve efficiency of critical business processes and create comprehensive, risk-aware strategies for organisational development. It is the most prominent and reliable EA standard, ensuring consistent standards, methods, and communication among enterprise architecture professionals.

## Training Benefits:

- The topic of business modeling and how it relates to Enterprise Architecture within a TOGAF context.
- The concept of business capabilities and how business capabilities can be modeled.
- Value streams and value mapping.
- How a Business Architect can be developed with the TOGAF ADM.

## Recommended for:

- Individuals who require an understanding of Business Architecture based on the TOGAF Standard, Version 9.2.
- Professionals who are working in roles associated with developing a Business Architecture such as those responsible for business planning.
- Architects who want to add a specialisation to their existing TOGAF Certifications.
- Trainers wishing to deliver TOGAF Business Architecture Level 1 Accredited Training Courses.

[atdsolution.com/togaf-business-architecture-level-1](https://atdsolution.com/togaf-business-architecture-level-1)

# ITIL4® Managing Professional Certification

**Level** ▶ Enterprise Architecture Organisation Skills

**Duration:** 5 Days

**Pre-requisite:** ITIL Expert v3, or 17 credits attained from the ITILv3 Certification Scheme

**Certification:** AXELOS, ITIL4® Managing Professional Certificate

The ITIL4 Managing Professional transition course is designed to allow ITIL v3 candidates who have already invested to easily transition across to ITIL4. They can gain the designation of ITIL4 Managing Professional Certification. This course will provide information on key elements of ITIL4 Specialist modules from ITIL4 Managing Professional Certification. This course will also provide an introduction and cover the key concepts found in ITIL4 Foundation.

## Training Benefits:

- Provide an understanding of the common language and key concepts.
- Demonstrate how to integrate different value streams and activities to create, deliver and support IT-enabled products and services, and relevant practices, methods and tools.
- Demonstrate the ways in which digital organisations and digital operating models function in high velocity environments.
- Design and implement a 'learning and improving' IT organisation, with a strong and effective strategic direction.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects(Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/itil4managing-professional](https://atdsolution.com/itil4managing-professional)

# 36 Business Technology Strategy (BTS)

**Level** ▶ Business Technology Skills

**Duration:** 4 Days

**Pre-requisite:** None

**Certification:** BTS Examination is a pre-requisite prior to sit for CITA-A® Examination

**Assessment:** CITA-A® consistsoftwo exams: BTS (this course) + Architecture Specialisation

Business Technology Strategy is an ITABoK® foundation course to achieve the CITA-A® architect specialisations in Business Architecture, Software Architecture, Information Architecture, Infrastructure Architecture and Solution Architecture. The course is designed to provide the participants with all the best practices and skillsets needed to lift architecture from a mere 'documentation' process to the fruition of true business capabilities.

## Training Benefits:

- Identify key internal and external business drivers for executive sponsors.
- Drive effective innovation capabilities and apply best practices in making enterprise strategic decisions.
- Establish business models and views that cultivate technological values.
- Develop business technology strategy innovations.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects(Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/bt](https://atdsolution.com/bt)

# DevOps Leadership – IT Service Management

**Level** ▶ Business Technology Skills

**Duration:** 3 Days

**Pre-requisite:** Candidates must have obtained the Peoplecert DevOps Fundamentals Certification.

**Certification:** Peoplecert, DevOps Leadership Certificate

The PeopleCert DevOps Leadership course equips candidates with solid knowledge regarding the practices, processes, automation and technology used for adapting DevOps within an organisation, along with Scrum methodology, people and their cultural implications.

## Training Benefits:

- Learn the concepts, terms, principles and tools used by DevOps Leadership to approach, validate and sustain a DevOps transformation.
- Learn how to manage a team culture shift and how to introduce unfamiliar workflow processes across more than one team.
- Examine how the full-stack approach can be engaged and implemented within the organisation.
- Equips candidates with solid knowledge regarding the practices, processes, automation and technology used for adapting DevOps within an organisation.

## Recommended for:

- Professionals leading or aspiring to lead Software or Applications Development.
- IT Operations.
- IT Service Management & Business Analysts.
- Project & Product Managers.
- Anyone aspiring to gain knowledge of advanced DevOps principles and practices.

[atdsolution.com/devopsleadership](https://atdsolution.com/devopsleadership)

# Business Architecture

**Level** ▶ Enterprise Architecture Skills Specialisation

**Duration:** 4 Days

**Pre-requisite:** Iasa Associate BTS Examination

**Certification:** : CITA-A® (Certified Information Technology Architect - Associate level)

**Assessment:** CITA-A® consists of two exams: BTS + Business Specialisation (this course)

The Iasa Business Architecture training equips participants with the practical skillsets in creating and refining business architecture model in the context of technology strategy to enable innovation and delivery of new business capabilities. This course also teaches the advanced skills in business valuation of technology.

## Training Benefits:

- Function effectively as business technology strategists using common techniques and procedures.
- Model, analyse and reason about structural and financial aspects of a business.
- Trace business events through the organisation in terms of information, funds and goods flows.
- Facilitate development and refinement of a business strategy and goals.
- Translate a vision, business model and set of goals into appropriate structures of processes, capabilities and organisational units.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/ba](https://atdsolution.com/ba)

# Information Architecture

**Level** ▶ Enterprise Architecture Skills Specialisation

**Duration:** 4 Days

**Pre-requisite:** Iasa Associate BTS Examination

**Certification:** CITA-A® (Certified Information Technology Architect - Associate level)

**Assessment:** CITA-A® consists of two exams: BTS + Information Specialisation (this course)

The Iasa Information Architecture training equips participants with the practical skillsets in data management life cycle stacks such as storage, retrieval, usage, integration, delivery, manipulation and presentation to enable strategic business decision making process.

## Training Benefits:

- Develop advanced skills in information management and business technology strategy.
- Provide leadership in information design, usage, storage and retrieval.
- Participate in governance mechanisms and ensure that deliveries exceed governance standard.
- Address information re-usability and services.
- Develop technical solutions that conform to both customer requirements and information development standards.

## Recommended for:

- Software Engineers / Programmer.
- Business Analyst / System Analyst.
- System Engineer / Network Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/ia](https://atdsolution.com/ia)

# Infrastructure Architecture

**Level** ▶ Enterprise Architecture Skills Specialisation

**Duration:** 4 Days

**Pre-requisite:** Iasa Associate BTS Examination

**Certification:** CITA-A® (Certified Information Technology Architect - Associate level)

**Assessment:** CITA-A® consists of two exams: BTS + Infrastructure Specialisation (this course)

The Iasa Infrastructure Architecture training provides participants with the practical skillsets in creating and refining technology architecture model in the context of IT environment, server topology, network infrastructure, data center environment and disaster recovery plan to support business operation and continuity.

## Training Benefits:

- Provide strategic uses of infrastructure, network and operations as an asset.
- Support development team and refine conceptual design, features and functionality.
- Address infrastructure quality attributes and communicate concepts to all levels of management.
- Reduce expenditures related to power and cooling.
- Utilise infrastructure management trends and participate in governance mechanisms.

## Recommended for:

- System Engineer / Network Engineer.
- Infrastructure / Server Engineer.
- Datacenter Engineer / Specialist.
- BCP / Disaster Recovery Engineer.
- IoT Specialist / Engineer.
- Infrastructure / Technology Architects.

[atdsolution.com/infra](http://atdsolution.com/infra)

# Software Architecture

**Level** ▶ Enterprise Architecture Skills Specialisation

**Duration:** 4 Days

**Pre-requisite:** Iasa Associate BTS Examination

**Certification:** CITA-A® (Certified Information Technology Architect - Associate level)

**Assessment:** CITA-A® consists of two exams: BTS + Software Specialisation (this course)

The Iasa Software Architecture course equips participants with the practical skillsets in creating and refining application architecture model in the context of integrated software components design, development and deployment to support the business. Participants will become familiar with the software development lifecycle and will be intimately involved in many phases: compare and recommend the key development methodologies, set up and manage the development environments, work with developers and software engineers.

## Training Benefits:

- Explore the software engineering and application development practices.
- Reduce business risks associated with building technical solutions.
- Address stakeholder requirements and satisfy both functional and quality requirements.
- Address software quality attributes and communicate concepts to all levels of management.
- Utilise software management trends and participate in governance mechanisms.

## Recommended for:

- System Analyst / Software Designer.
- Software Engineer / Developer.
- Programmer Analyst / Solution Specialist.
- Software Configuration Management / Consultant.
- Enterprise Architects (Software and Solution).

[atdsolution.com/software](http://atdsolution.com/software)



# Solution Architecture

*Level ▶ Enterprise Architecture Skills Specialisation*

*Duration: 4 Days*

*Pre-requisite: Iasa Associate BTS Examination*

*Certification: CITA-A® (Certified Information Technology Architect- Associate level)*

*Assessment: CITA-A® consists of two exams: BTS + Solution Specialisation (this course)*

The Iasa Solution Architecture training equips participants with the skillsets in creating and refining solution architecture model in the context of system development during the IT project implementation in ensuring architecture compliance with the defined business architecture, information architecture, software architecture and infrastructure model to support the business.

## Training Benefits:

- Develop solution architecture strategy for midsize to large projects.
- Understand the primary aspects of solution architecture and work with critical stakeholders to deliver them.
- Function within the team throughout project lifecycles to ensure appropriate technology strategy delivery.
- Deliver solutions regularly based on sound value management techniques.
- Manage stakeholders and key team members expectations and communications strategy.

## Recommended for:

- Solution Specialist / Consultant.
- System Analyst / Data Analyst.
- Software Engineer / Developer.
- Infrastructure / System Engineer.
- Data Analyst / Engineer / Administration / Scientist.
- Enterprise Architects (Business, Information, Infrastructure, Software & Solution).

[atdsolution.com/solution](https://atdsolution.com/solution)

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**HONG KONG**

Flat 17A, 17th floor  
China Trade Centre  
122-124 Wai Yip Street  
Kwun Tong, Kowloon  
Hong Kong  
Tel: (852) 9100 1654

[info-hk@atdsolution.com](mailto:info-hk@atdsolution.com)

**INDONESIA**

The Boulevard Office  
7th floor, D2  
JL Fachrudin Raya  
No 5, Jakarta Pusat  
10250 Indonesia  
Tel: (62) 21 3199 1288/89

[info-id@atdsolution.com](mailto:info-id@atdsolution.com)

**KOREA**

135-812, KangNam-Gu  
Nonhyun-Dong, 5-19, 3F  
Seoul, South Korea  
Tel: (82) 512 8032/3

[info-kr@atdsolution.com](mailto:info-kr@atdsolution.com)

**MALAYSIA**

No. 51-11, The Boulevard  
Mid Valley City  
Lingkaran Syed Putra  
59200 Kuala Lumpur,  
Malaysia  
Tel: (603) 2288 1680/1

[info-my@atdsolution.com](mailto:info-my@atdsolution.com)

**SINGAPORE**

1, Irving Place #05-05  
The Commerze@Irving  
Singapore 369546  
Tel: (65) 6386 0331/2

[info-sg@atdsolution.com](mailto:info-sg@atdsolution.com)





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