IASA Architecture Core

1.	Course Title	**IASA Architecture Core**
2.	Type of Course	Non-technical
3.	Training Methodology	Classroom Blended Visual/ Remote
4.	Skill Area	IT & Business
5.	Duration (Days)	4 days (7 hours per day exclude 1 hour lunch break)
6.	Level of Certification	Fundamental Level
7.	Certification Body (If Applicable)	Name of Certification: **Certified Information Technology Architect Foundation (CITA-F)** Certification Body: **Iasa (The Global IT Architect Association)** is an Internationall non-profit business association focuses on the IT architecture profession by leading the best practices in Enterprise Architecture for the corporate and government sectors. Accreditation Letter attached. Iasa delivers standards and develops accreditation programmes to enterprise architects of all levels in various industry. The certification 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. ITABoK provides the tools and resources needed by individuals and organizations to set industry standards for professional career development and well as hiring practices and incorporation of IT architects into established or developing institutions. 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. *Accreditation Letter attached.*

8.	Course Overview	Thousands of professionals of all backgrounds take in this course every year. The materials covered are based on Iasa's IT Architecture Body of Knowledge (ITABoK). The ITABok is a public archive of IT Architecture best practices, skills and knowledge developed from the experience of individual and corporate members of Iasa, the world's largest association of IT Architecture professionals.
		From the lecture, participants learn to apply skills from the five pillars of ITABok, distinguish the concepts, principles, contexts, roles and scope of architecture, and recognize IT's business values.
		In as many as 22 action-packed classroom workshops, participants work in groups on real-world case studies and present their results for critique by the instructors and their peers; in the process learn the practical skills of setting up an Enterprise Architecture Office (EAO), selecting and prioritising IT projects, assigning resources, and creating values to stakeholders.
9.	Prerequisite	None
10.	Course Objective	• Provides a deeper understanding on how to apply the ITABoK skill sets in delivering technology strategy values for the business through tangible IT Architecture Return on Investment (ITA-RoI) modeling technique. • Provides a deeper understanding on how to apply the 5 core IT architecture skills from an IT Architecture perspective. • Provides practical guidelines in selecting and prioritising IT Architecture projects based on business cases. • Provides practical guidelines in creative and reviewing business cases based on tangible and intangible values. • Provides practical guidelines in assigning IT Architects into projects based on IT project prioritisation techniques. • Provides practical guidelines in creating IT Architecture Blueprint for both Generic and Specific IT Architecture based on the Views and Viewpoints that address stakeholder's concerns. • Provides practical guidelines in managing IT Architecture deliverables through stakeholder's communication technique. • Provides practical guidelines in managing IT Architecture life cycle processes.
11.	Learning Outcome	• 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.

12.	Course content	*Refer course content.*
13.	Learning Activities	Lecture Practical Exercise Case Studies Learning Activities Self-Evaluation Training
14.	Target Group	All Technology Stakeholders. Transformation Office Team Members. Project Management Office (PMO) Team Members. Software/ Business/ Information/ Infrastructure Architects. IT/ Project Managers. Business Analysts/ System Analysts/Consultants. Software Engineers/ Programmers. Database Administrators/ Database Designers. System Engineers/ Network Engineer.

NO.	CONTENT / ACTIVITIES	OBJECTIVES	OUTCOMES	HOURS
2.	**IASA Architecture Core** **Module 1 – IT Architecture & IT Architects Overview** • Lesson 1 - How IASA identified foundation pillars that support IT Architecture • Lesson 2 - What Are IT Architecture and IT Architect? • Lesson 3 - What are the Values of IT Architecture? **Module 2 – Design Overview** • Lesson 1 - Design from an IT Architecture Perspective • Lesson 2 - Design Pillars in Detail **Module 3 – IT Environment Overview** • Lesson 1 - The important of IT Environment Skills • Lesson 2 - IT Environment Skills in Detail **Module 4 – Quality Attributes Overview** • Lesson 1 - The important of Quality Attributes IT Skills • Lesson 2 - Quality Attributes Skills in Detail **Module 5 – Business Technology Strategy Overview** • Lesson 1 - Business Technology	• Provides a deeper understanding on how to apply the ITABoK skill sets in delivering technology strategy values for the business through tangible IT Architecture Return on Investment (ITA-RoI) modeling technique. • Provides a deeper understanding on how to apply the 5 core IT architecture skills from an IT Architecture perspective. • Provides practical guidelines in selecting and prioritising IT Architecture projects based on business cases. • Provides practical	• 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.	4 Days (7 hours per day exclude 1 hour lunch break)

	Strategy Skills Definition • Lesson 2 - Business Technology Strategy Skills in Detail **Module 6 – Human Dynamics Overview** • Lesson 1 - Human Dynamics Skills Overview • Lesson 2 - Human Dynamics Skills in Detail **Module 7 – IT Architecture Project Selection Overview** • Lesson 1 – IT Architecture Engagement Model Expanded • Lesson 2 - IT Architecture Business Case • Lesson 3 - Create a Business Case • Lesson 4 - Calculate and Communicate Value • Lesson 5 - Prioritize IT Projects • Lesson 6 - Assign the IT Architecture Team **Module 8 – IT Architecture Creation Overview** • Lesson 1 - Capture and Analyze Requirements • Lesson 2 - Generic IT Architecture • Lesson 3 - Product Specific IT Architecture • Lesson 4 - Create Views and Viewpoints **Module 9 – IT Architecture Delivery Overview** • Lesson 1 - Create Stakeholders	guidelines in creative and reviewing business cases based on tangible and intangible values. • Provides practical guidelines in assigning IT Architects into projects based on IT project prioritisation techniques. • Provides practical guidelines in creating IT Architecture Blueprint for both Generic and Specific IT Architecture based on the Views and Viewpoints that address stakeholder's concerns. • Provides practical guidelines in managing IT Architecture deliverables through stakeholder's communication technique.		

| | | Communication
• Lesson 2 - Modify and Update IT Architecture Artifacts
• Lesson 3 - Manage Delivery

Module 10 – IT Architecture Management Overview
Lesson 1 - Review and Analyze Values
Lesson 2 - Set IT Architecture Goals
Lesson 3 - Update Engagement Model
Lesson 4 - Communicate Value | • Provides practical guidelines in managing IT Architecture life cycle processes. | | |