

Technology Analyst Certification

Why the certification is relevant

The relationship between Technology and Business is much more multifaceted than simply identifying the technology that meets an organisation's needs. Industry 4.0, Big Data, The Internet of Things, Blockchain, Machine Learning, Robotic Business Automation and the Intelligent Enterprise exemplify that technology is an active - not passive - participant in business innovation and transformation. Technology thereby has as much an impact on business as any other factor that gives an organisation the ability to transform.

Focus of the Technology Analyst

The Technology Analyst is an enabler with an ability to adapt, collaborate, create, invent, and reinvent business capabilities by aligning with the right technology despite the complexities. Aligning technology with business value that brings both together for maximum benefit is where the Technology Analyst plays a pivotal role. The Technology Analyst leverages technology to improve customer experience, new channels to the market and increase effective decision making. They also increase efficiency and reduce cost whilst improving the organisation's capabilities in working with technology. The Technology Analyst Program can be integrated into any relevant organisation. It does so by adding the following theory, practice and modelling capabilities.

Theories Practitioners will learn

- Capture technology forces and trends
- Understand technology strategies
- Identify platform/infrastructure requirements
- Technology performance management
- Decision making around technology

What Practitioners will work with in Practice

- Work with stakeholders and IT owners
- Benchmark platform/infrastructure maturity
- Develop technology guidelines
- Technology service model definitions
- Define technology standardisation and integration potential

Modelling capabilities Practitioners will gain

- Technology Stakeholder Map
- Technology Requirements Model
- Technology Strategy Canvas
- Technology Capability Maps
- Technology Services Model
- Technology Rules & Compliance Model

Enterprise Standards used

OMG (software standards):

- UML - Unified Modelling Language
- BPMN - Business Process Modelling Notations

LEADING Practice (Enterprise Standards):

- Emerging & Disruptive Technology Forces & Trends
- Technology Ontology
- Technology Taxonomy
- Technology Classification & Categorisation
- Technology Artefacts
- Technology Modelling Notations (TMN)
- Technology Lifecycle

Open Group Technology Architecture

IEEE Technology Engineering standards

ISO 42010 Systems & Software Engineering

ITIL 3 (IT delivery concept)

COBIT (Governance)