



Training Course	Blockchain Technology – Advanced Level
Course Language	English
Course Duration	Total Number of hours : 15 (3 Hours / Day) Days : 5 Days Time : 5:00pm – 8:00pm
Course Objectives	<ul style="list-style-type: none">• Discover the power of business blockchains and distributed ledger technologies• Understand Hyperledger and introductions to its key frameworks.•
Prerequisite	<ul style="list-style-type: none">• Basic knowledge of concepts of Blockchain• Hands on experience with JavaScript or Java or NodeJS
Course Content	<ul style="list-style-type: none">• Blockchain technology review• Use cases for permissioned blockchains.• Hyperledger fabric development and architecture• Endorsers, orderers, clients, smart contracts• Set up development network.• Anatomy of config files and crypto material.• Deploy and exercise example smart contracts.• Identify a use case and develop an end to end blockchain application
Learning Outcomes	<ul style="list-style-type: none">• Learn about Hyperledger Fabric v1.1 and the structure of the Hyperledger Architecture• Lean the features of the Fabric model including SDKs, Ledger, Security and Membership Services• Perform comprehensive labs to integrate/develop an application with Hyperledger Fabric running a smart contract.



Target Audience	Technology students, financial professionals, digital security managers, programmers
Course Material /Technology used/ Details Relevant to the course.	Use-cases, case studies will be provided online
Course Fees	QAR 5000 15% discount on online registration and payment.