**Blockchain for Business**

**British Croatian Chamber of Commerce
Training Day**

**London, 28th of March at TechSpace Shoreditch**

## COURSE STRUCTURE

This is a one day, tutor led, business oriented masterclass that has been designed for managers and executives who need to better understand blockchain. It is not intended to be technical in nature.

## ATTENDEE PRE-REQUISITES

None

## INTENDED AUDIENCE

The training is intended for business, not technical people and is suitable for team leaders, managers, C-suite and board members.

## OUT OF SCOPE

- Programming/coding
- Cryptography
- Buying/selling/Trading

## COURSE OUTCOMES

- Attendee will be able to describe the core components of a blockchain
- Will be able to identify prospective use cases
- Will be familiar with main architectures and ecosystem
- Wil be aware via use case walkthroughs of examples of the technology in use
- Will understand why blockchain projects fail

## COURSE STRUCTURE

The course is modular in nature and is intended to take the attendee right from first principles and what the various terms mean, on to how the technology works and covers use cases across a number of industries to illustrate how companies and organisations are exploring and adopting blockchain/Distributed Ledger Technology.

| Module | Level |
|---|---|
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| BLOCKCHAIN BASICS | Basic |
| BLOCKCHAIN ADVANCED | Intermediate |
| BLOCKCHAIN USE CASES | Basic |
| BLOCKCHAIN ADOPTION | Basic |
| SMART CONTRACTS | Basic |
| INTRODUCTION TO CRYPTOCURRENCY | Basic |
| CRYPTOCURRENCY IN DEPTH | Intermediate |
| TOKENIZATION | Intermediate |

**MODULES**

| Module | Level |
|---|---|
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| **BLOCKCHAIN BASICS**<br><br>• History<br>• Myths<br>• What is blockchain ?<br>• Why use Blockchain – benefits<br>• Creating trustless systems<br>• Decentralisation vs distributed vs centralised | Basic |
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| **BLOCKCHAIN ADVANCED**<br><br>• What problems is a blockchain solving?<br>• Types of blockchain<br>• How blocks are created<br>• Cryptography and hashing<br>• Mining a block – Blockchain game<br>• Types of Consensus | Intermediate |
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| **BLOCKCHAIN USE CASES**<br><br>• Blockchain Super Use Cases<br>• Blockchain in Financial Services<br>• Blockchain adoption – current state | Basic |
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| **BLOCKCHAIN ADOPTION**<br><br>• Issues/hurdles/challenges – Gartner, McKinsey, Deloitte perspectives<br>• Blockchain Implementation<br>• Identifying candidate PoC's<br>• Organisation readiness assessment<br>• Changing business models | Basic |
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| **SMART CONTRACTS**<br><br>• What is a smart contract ?<br>• Different platforms used<br>• Legal position | Basic |
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| **INTRODUCTION TO CRYPTOCURRENCY**<br><br>• History of money<br>• What is money and how does it acquire value?<br>• Digital cash vs crypto<br>• What is a cryptocurrency?<br>• Cryptotokens<br>• Cryptoassets<br>• Banking and payments infrastructure<br>• Central banking and regulation | Basic |
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| **CRYPTOCURRENCY IN DEPTH**<br><br>• SHA256 / hashing<br>• ECDSA / Digital signing<br>• Public / private keys<br>• Wallets | Intermediate |
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| **TOKENIZATION**<br><br>• ICO/STO Overview<br>• Categories of tokens (Utility, Security, etc)<br>• Regulator perspectives | Intermediate |

**Trainer Profile – Gary Nuttall**

With over 25 years of commercial experience in a variety of industries, including retail, pharmaceuticals, commodities trading and insurance, Gary has acknowledged expertise in the exploitation of emerging technologies including Business Intelligence, Data Analytics and Distributed Ledger Technology.

He is a Chartered IT Professional (CITP) registered with the British Computer Society (BCS) and holds the ISEB Diploma in Business Analysis.

He is regularly requested to provide education, advisory and consultancy services to organisations ranging from multi-national insurance companies through to startups using Initial Coin Offering (ICO) to fund raise.

Gary is well recognised in the Blockchain / Distributed Ledger Technology arena, with particular expertise in the commercial insurance and legal sectors. He is listed in the "Top 100 Blockchain influencers" list and has presented at numerous conferences and events since 2015. He provides blockchain masterclass training for the general market and offers bespoke training in insurance, legal, automotive and media sectors.

He is an advisor to several ICO (Initial Coin Offering) projects including Simple Token, Cove Identity, Lancor Scientific and RedAir. In 2017 he set up the ICO Meetup London group (which now has over 1100 members) and helps to run the London Blockchain in Insurance meetup group. He is also supporting a (blockchain-based platform) InsurTech with the FCA Innovation Sandbox process.

Gary maintains an active involvement in blockchain/Distributed Ledger Technology through his advisory role to Blocksure, an Insurance Technology startup and is technical advisor to ClydeCode – an innovative consultancy bringing together the legal expertise of Clyde & Co with the emerging capabilities of Smart Contracts.

Gary is available for blockchain/Distributed Ledger Technology projects/initiatives, including:

- Providing awareness, education & training
- Running board level assessments & workshops
- Providing strategy to C-suite
- Presenting, moderating & chairing panels
- Ad-hoc advisory & consulting services

LinkedIn Profile: https://uk.linkedin.com/in/garynuttall