

**Telecoms & Tech
Academy**

**ONLINE
ACADEMY**

**BLOCKCHAIN
FOR MANAGERS**

Format:
Online Academy

Duration:
5 Modules

PART OF
**KNect365
Learning**
an **informa** business

BLOCKCHAIN FOR MANAGERS

COURSE OVERVIEW

The invention of the blockchain is democratising trust by creating open, distributed databases where consensus is the product of the decentralised participation of nodes anywhere on the Internet.

This workshop takes a high-level look at the concept of a blockchain, explores in detail how a blockchain works to provide the trust at the heart of a digital ledger in the case of a digital currency, considers the introduction of smart contracts as an innovation on the blockchain and explores a diverse set of real-world scenarios where blockchain and smart contract adoption is being explored. Finally, the leading commercially applicable blockchain platforms and possible applications thereof are explored.

WHAT WILL YOU LEARN

Attending this course will empower you to develop or be able to:

- Effectively engage with the concept of a blockchain and the disruptive potential thereof
- Consider the blockchain as a distributed ledger behind a digital currency like Bitcoin
- Understand the role of cryptography in securing blockchain implementation
- Effectively discuss and debate the blockchain and its disruptive potential in the context of your organisation and industry
- Explore several real-world scenarios where blockchains, smart contracts or other technology derived from blockchains is being explored or has already been implemented
- Consider the leading commercial blockchain solutions and be able to select and motivate for the platform most applicable to your industry and organisation
- Consider the introduction of a blockchain project in your organisation to empower your teams to better explore the disruptive potential

PROGRAMME MODULES

- Owning the Blockchain
- The Disruptive Potential of Decentralised Trust
- The Quest for Trust Minimisation
- Commercial Relevant Blockchain Solutions
- Your Blockchain Project
- Real World Examples

COURSE INSTRUCTOR

Warwick Chapman is a CTO, avid technologist, investor, sometimes politician and believer in the importance of robust systems and harnessing tech to build successful organisations.

His technology skills have been learned in practice while running various technology start ups, as an elected public representative, in voluntary service, and as a member of various election campaign teams in a leading political party in South Africa.

Warwick is a pioneer in the South African market in the use of technology as a tool for productivity and is regarded by many as one of South Africa's leading experts on technology trends.

ONLINE ACADEMY

WHAT IS AN ONLINE ACADEMY COURSE?

Online Academy is a new online, interactive and engaging education tool designed to maximise learning for professionals with busy schedules and/or small training budgets.

The online academy brings alike professionals together and gives you the opportunity to share ideas and questions via the discussion forum creating your own professional community. Our on-demand feature means the content is available as and when you need it allowing greater flexibility to your professional development and learning.

Over 5 weeks participants will learn through:

- 6 modules, split up into multiple bitesize recorded videos
- Revisit the content with unlimited access to all the materials for 2 months
- Access the discussion forum to interact with other students
- Direct contact with the trainer through the forum during the period the course is running
- Additional content such as research materials and white papers available to download

BENEFITS OF ONLINE ACADEMY



Boost your resume – with self-paced learning and advance your career with specialist technical skills.



Become part of a professional learning community – discuss any problems with students and the Course Instructor



Convenience and flexibility – Learn whenever you want – from the comfort of your home or office



Cost effective – save on travel expenses, reduce unproductive down time and no crowded airports



Enabled for mobile – make use of downtime with easy bite sized chunks of learning

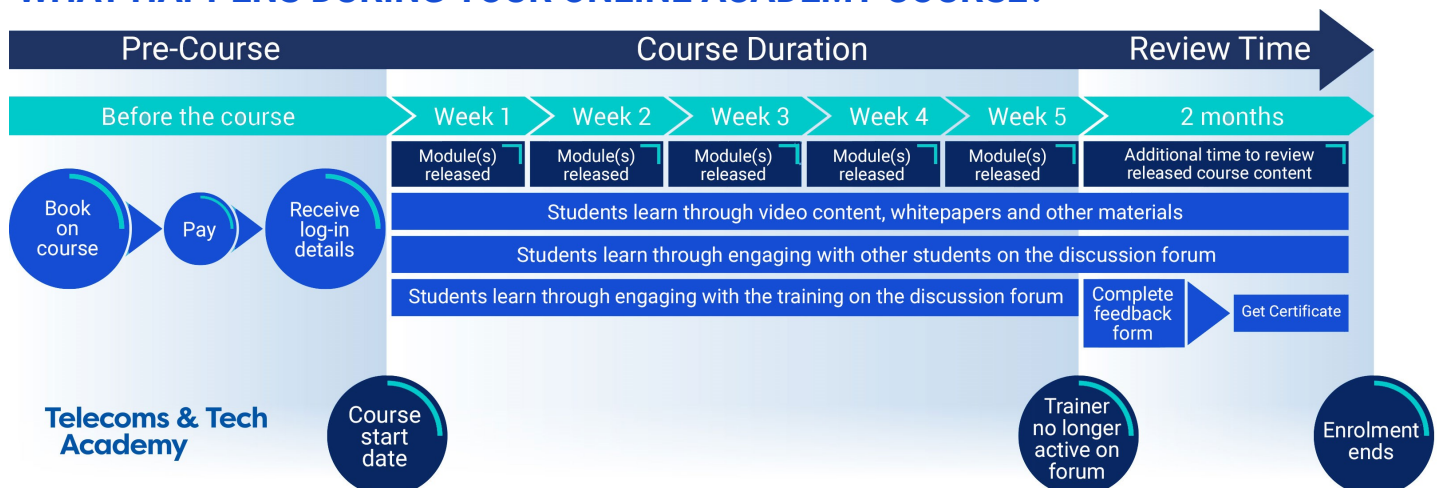


Grow as a team – with multiple licenses your team can access the course and learn together, no matter where they are in the world



Learn and apply right now – immediately implement what you learn during the course

WHAT HAPPENS DURING YOUR ONLINE ACADEMY COURSE?



PROGRAMME MODULES

OWNING THE BLOCKCHAIN

- Before Blockchain
- The Challenge of Digital Money
- A Peer-to-Peer Electronic Cash System
- Enter the Blockchain
- Deconstructing the Blockchain
- The Blockchain in Action
- Blockchain Security
- Blockchain's Role in the State of Bitcoin

THE DISRUPTIVE POTENTIAL OF DECENTRALIZED TRUST

- The Role of Trust in Commerce
- Middlemen
- Smart Contracts
- Adoption & Integration
- Public Sector Potential
- Private Sector Potential
- Costs
- Audit Outcomes
- Customer Satisfaction

THE QUEST FOR TRUST MINIMISATION

- Banking & Payments
- Remittances
- Investing
- Insurance
- Real Estate
- Healthcare
- Identity
- Voting
- Supply Chain Management
- Network & Access
- Sharing Economies
- Regulatory Compliance
- Media
- Energy
- Record Management

- Non-Profits & Charity
- Internet of Things
- Forecasting or Prediction Modelling
- Cloud Storage
- Government
- Your Industry

COMMERCIALLY RELEVANT BLOCKCHAIN SOLUTIONS

- Hyperledger
- Ethereum
- Consensus
- Corda
- Kadena
- Stellar
- Ripple

YOUR BLOCKCHAIN PROJECT

- Selecting a Use Case
- Getting Buy-in
- Being Agile
- Tight Cycles
- Reviewing
- Presenting Results
- Creating Ownership

REAL WORLD EXAMPLES

- Initial Coin Offerings, eg. The DAO or Civic
- Maersk Shipping
- Verisart
- Cloud Storage (Storj / Sia / Filecoin)
- FollowMyVote



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