



Blockchain Technology (28138)

What Is a Blockchain? A blockchain is a distributed database or ledger that is shared among the nodes of a computer network. As a database, a blockchain stores information electronically in digital format. Blockchains are best known for their crucial role in cryptocurrency systems, such as Bitcoin, for maintaining a secure and decentralised record of transactions. The innovation with a blockchain is that it guarantees the fidelity and security of a record of data and generates trust without the need for a trusted third party. What you will learn Hardware and software requirements Hashing and blockchain encryption Blockchain wallets and how to manage it Synthesize your own blockchain solutions Gain an in-depth understanding of the specific mechanics of Bitcoin Understand Bitcoin's real-life applications and learn how to attack and destroy Bitcoin, Ethereum, smart contracts and Dapps, and alternatives to Bitcoin's Proof-of-Work consensus algorithm Enterprise-level blockchain implementations and understand the scaling struggles of blockchain and potential solutions The regulation of cryptocurrencies and its implications for anonymity, and what blockchain means for the future

WHAT WILL I NEED?

All applicants must have an initial assessment and interview to confirm that the course is suitable for them.

Entry Requirements: Qualification check/BKSB IT L3, Maths L2, English L2

Please be prepared to provide your residency documents such as a passport, EU citizen ID card, UK Birth Certificate or Biometric Card. If you have been in the UK for less than 3 years or have entered the UK with a visa you will need to provide evidence that you are eligible to study in the UK - your visa, your biometric card that covers the duration of your course or any relevant home office documents to support your residency should all be provided. If you're an EU, EEA or Swiss citizen we will need to see evidence of 'Pre-Settled' or 'Settled-status' documents. Also for funding purposes we would need to see evidence of payslips if working (within the last 3 months). If you are receiving benefits (e.g JSA, ESA, Universal Credit (UC), Housing benefits etc. please provide evidence of this).

WHAT CAN I DO AFTER?

Upon successful completion of the course you can progress into further study in this area.

Start Date: 09 February 2023

Day: Thursday

Time: 17:30-21:00

Duration: 15 Weeks

Venue: Enfield Centre