ADVANCED DIPLOMA OF APPLIED BLOCKCHAIN – 10747NAT

Key Information

- The Course is classified as STEM (under ASCED code 299)
- Blockchain Strategist is listed on medium/long term Skilled Migration Occupation List under 261111 ICT
- Generous Commission available - Deal directly with RTO
- Emerging Technology - No Coding experience required
- Course can be delivered online to offshore students with possibility to transition to CRICOS (when borders open)
- Multiple visa opportunity
- Product training available for agents

Blockchain Strategist
ANZSCO Code 261111 ICT Business Analyst

Possible Visa opportunities

- 186 - Employer Nomination Scheme visa (subclass 186)
- 189 - Skilled Independent (subclass 189) - Points-Tested
- 190 - Skilled Nominated (subclass 190)
- 407 - Training visa (subclass 407)
- 485 - Temporary Graduate (subclass 485) - Graduate Work
- 489 - Skilled Regional (Provisional) visa (subclass 489) - Family sponsored
- 489 - Skilled Regional (Provisional) visa (subclass 489) - State or Territory nominated
- 482 - Temporary Skill Shortage (subclass 482) – Medium Term Stream
- 187 - Regional Sponsor Migration Scheme (subclass 187)
- 494 - Skilled Employer Sponsored Regional (provisional) (subclass 494) - Employer sponsored stream
- 491 - Skilled Work Regional (provisional) visa (subclass 491) State or Territory nominated
- 491 - Skilled Work Regional (provisional) visa (subclass 491) Family Sponsored

LinkedIn LEARNING

The Skills Companies Need Most in 2020

Top 10 Hard Skills

1. Blockchain
2. Cloud computing
3. Analytical reasoning
4. Artificial intelligence
5. UX design
6. Business analysis
7. Affiliate marketing
8. Sales
9. Scientific computing
10. Video production

Industries undergoing
Dramatic Change with

Blockchain

Two sides of Blockchain

Applied Blockchain

Applied blockchain defines to how blockchain applies in a specific application or business case.

Typically, the strategy and implementation sets the entire project scope (including designing the business model, value propositions, disintermediation and automation and governance.

It always proceeds any technical coding.

Technical Blockchain Coding

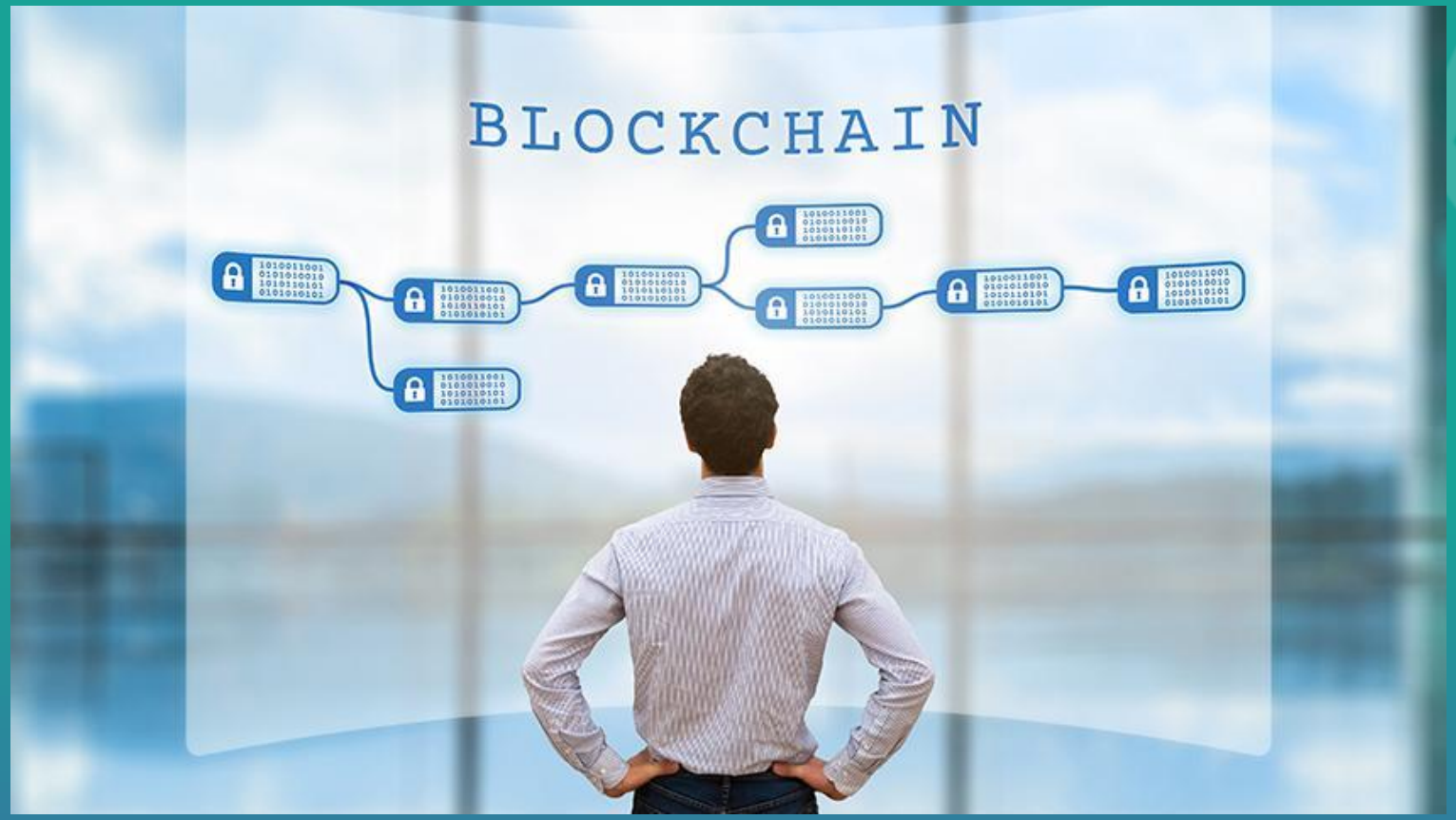
Technical Blockchain requires coding and developing skills, this includes knowing or learning coding languages such as Solidity, Rust, C#, etc.

"Without effective strategic planning and implementation many projects are destined to fail."

What is Blockchain Technology:

Overview

- A peer-to-peer network of trust that allows parties to transact without any intermediaries.
- All transactional records are recorded securely **on a digital ledger and broadcasted to the network. Once transactions are validated, they** become immutable.
- The transactions are cryptographically hashed and chronologically added to the ‘Block’. Each block is **linked to the last to form a** ‘Chain’, hence the name ‘Blockchain’.
- Every transaction on a blockchain ledger is authorised by the digital signature of the owner, which authenticates the transaction and safeguards it from tampering. Hence, the information the digital ledger contains is highly secure.
- ***It is a promising and revolutionary technology because it helps reduce risk, stamps out fraud and brings transparency in a scalable way for a myriad of uses.***



How does Blockchain Technology work? and Why Study it?

Simplified Example

Legacy model

Person ‘A’ wants to send money to Person ‘B’ via the banking system

Bank

Bank

Simplified Example

Legacy model

This requires 3rd Party intermediaries (Banks) to facilitate the process

It is expensive and slow, especially for international remittance.

Simplified Example

Blockchain model

Person ‘A’ wants to send money to Person ‘B’

No Banks

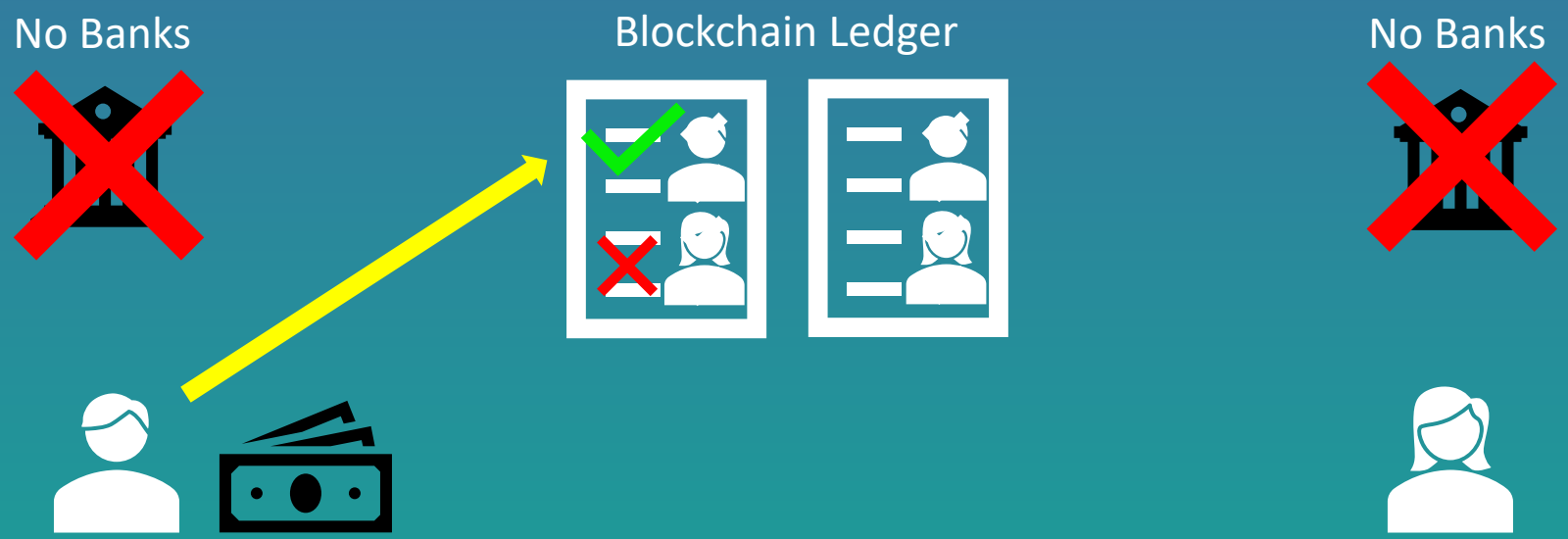
No Banks or intermediaries are required.

No Banks

Simplified Example

Blockchain model

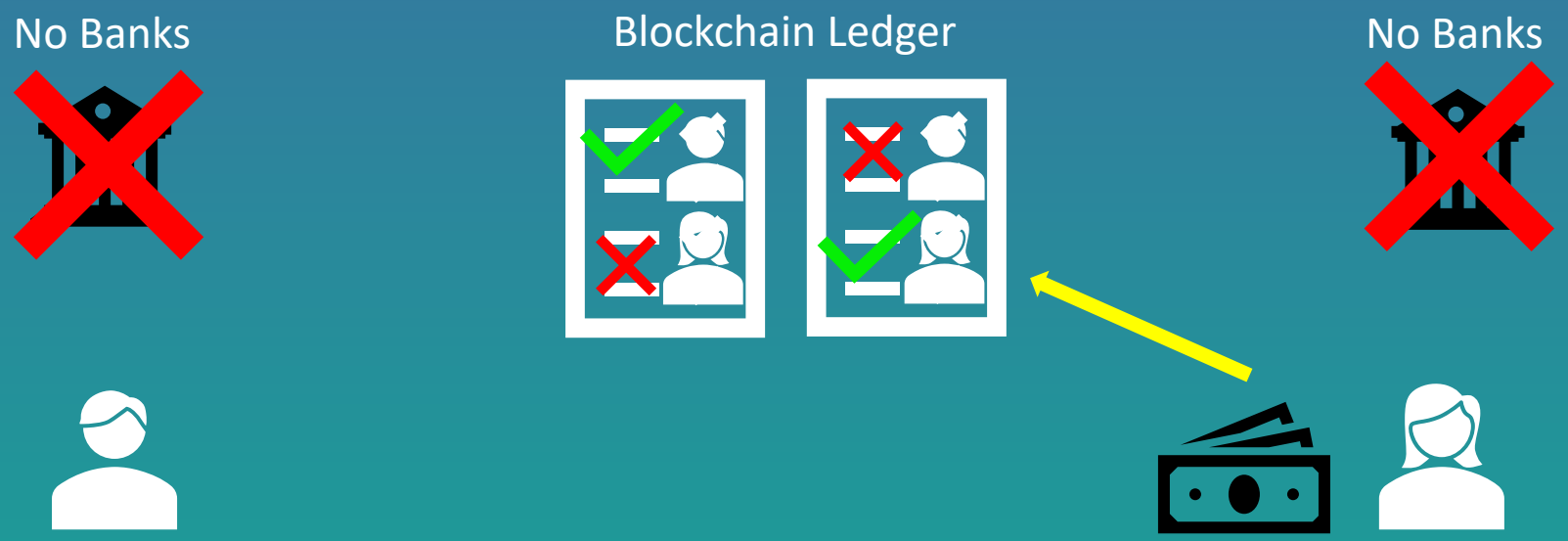
The blockchain ledger has a record of who owns what.



Simplified Example

Blockchain model

When a transaction is authorised (signed), the asset ownership is update.



Simplified Example

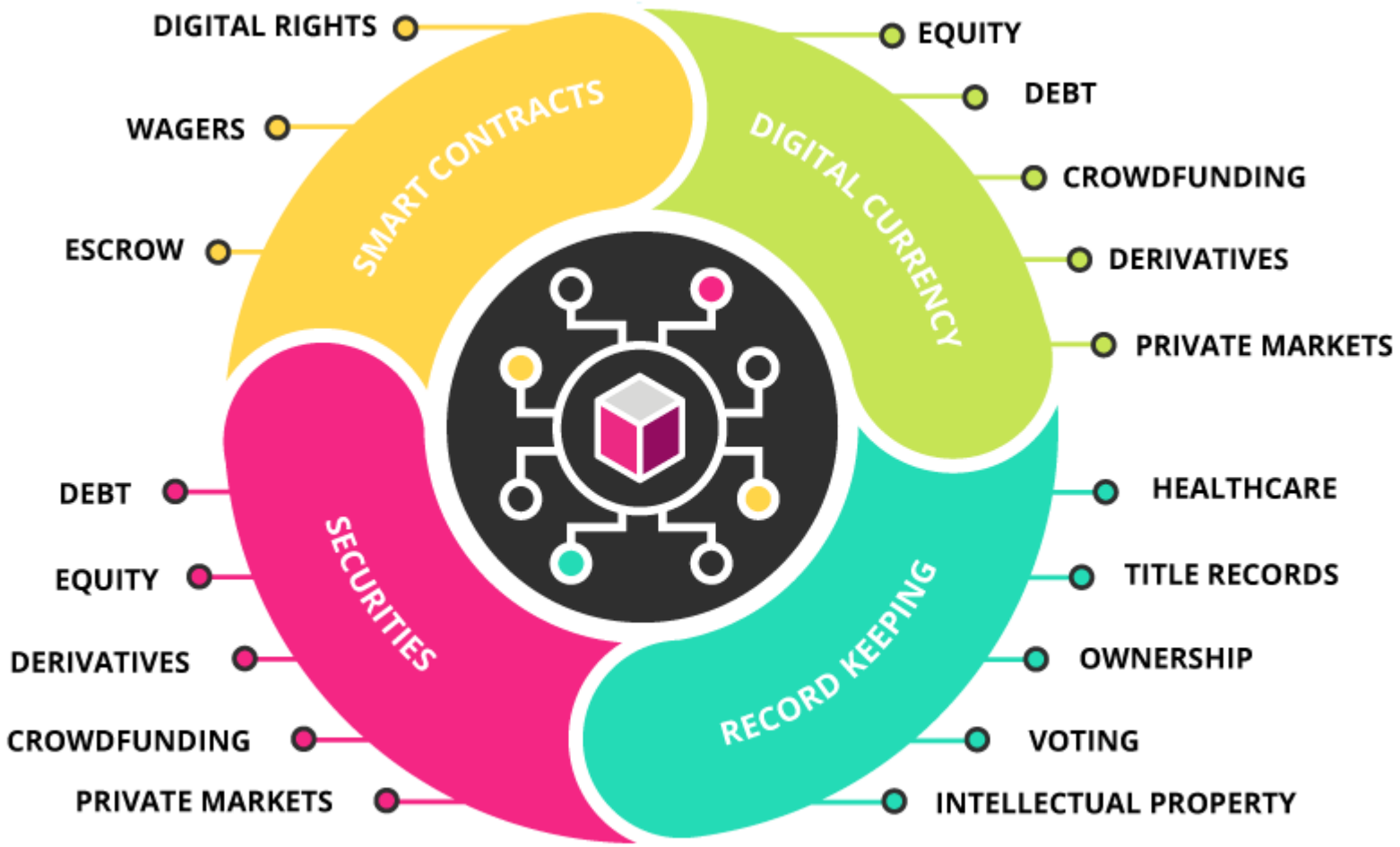
Blockchain model

The blockchain is an immutable record of all transactions.

Blockchain Ledger

Transactions are encrypted and added into a ‘Block’. Each block is linked, like a chain, to the previous block through cryptographic hashing.

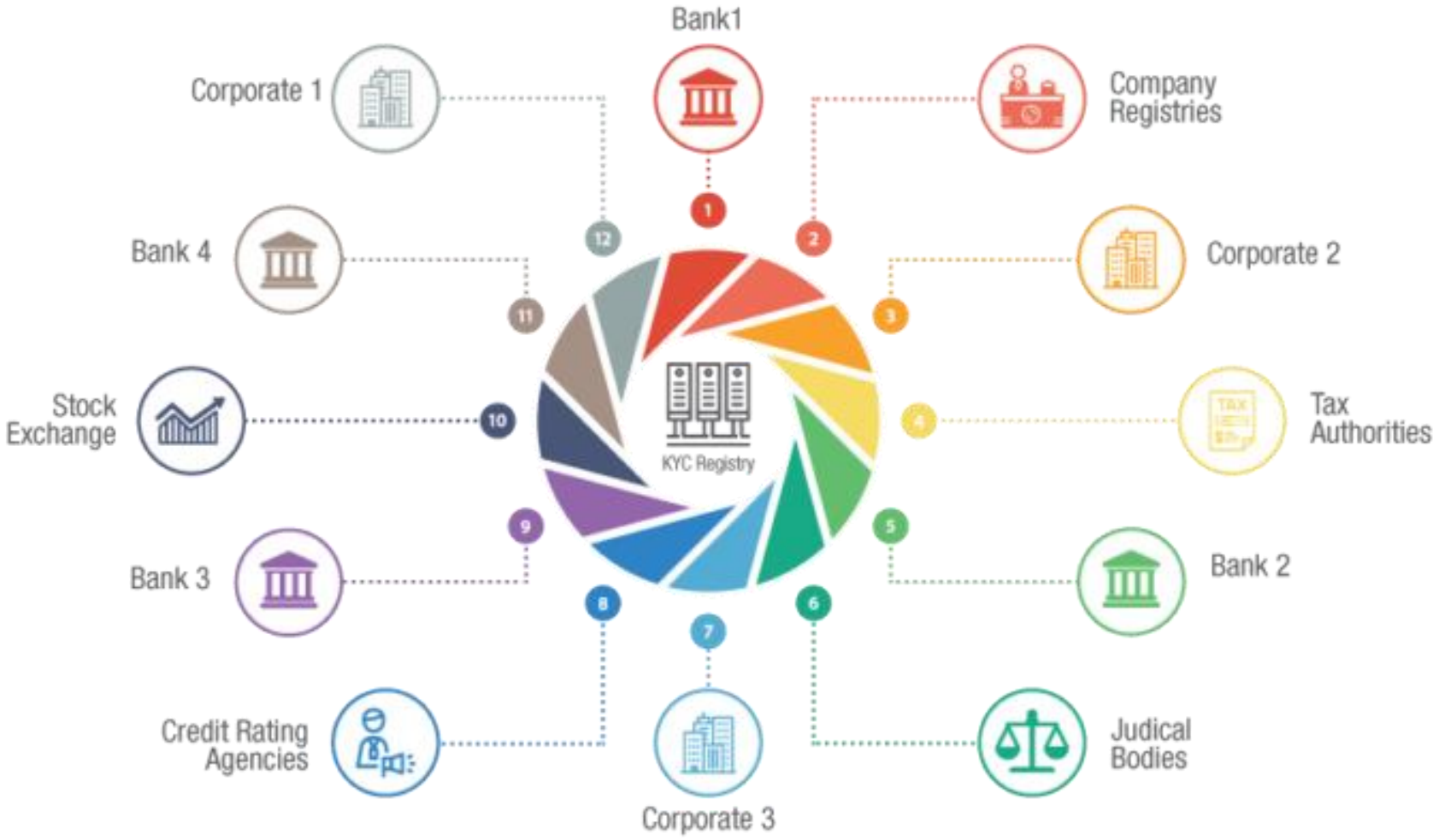
Blockchain Use-cases



Example

Identity & KYC

Single KYC registration enables the user to establish accounts across the entire network of service providers without the need to re-verify identity.



How does it work?

Example:

Simple analogy for understanding blockchain technology is a Google Doc.

When we create a document and share it with a group of people, the document is distributed instead of copied or transferred. This creates a decentralised distribution chain that gives everyone access to the document at the same time. No one is locked out awaiting changes from another party, while all modifications to the doc are being recorded in real-time, making changes completely transparent.

Digital assets are distributed instead of copied or transferred.

The asset is decentralised and data is accessible in (near) real-time.

A transparent ledger records all transactions and changes

All transactions are broadcasted to the network for validation

Highly secure and immutable

A protocol that creates trust

Advanced Diploma of Applied Blockchain 10747NAT

78 weeks Duration

- Critical thinking and business modelling
- Blockchain in a Business context
- Project Management and BA skills
- Pragmatic and project-focused
- Blue Ocean Strategies
- High-Demand Skills

ADVANCED DIPLOMA OF APPLIED BLOCKCHAIN 10747NAT

•Australia's ***FIRST*** Advanced Diploma course providing individuals specialist knowledge associated with applying blockchain frameworks to new and legacy business frameworks.

•This qualification is ideal for Blockchain firms seeking to educate existing or new staff, individuals seeking to commence work as a blockchain consultant or individuals currently working in blockchain and associated emerging industry roles who are seeking formal qualifications.

•Graduates will demonstrate the application of integrated technical and theoretical concepts in a broad range of industry contexts to undertake advanced skilled or paraprofessional work in the field of applied blockchain, and as a pathway for further learning.

The qualification comprises of core specialist units of competency covering disciplines including:

- Establishment of a blockchain framework for decentralized peer to peer consensus and innovation.
- Development of a blockchain business model
- Development of a blockchain network functional requirements specification
- Preparation of organization transition requirements to shifting operations to a blockchain network
- Develop a blockchain governance model

Advanced Diploma of Applied Blockchain 10747NAT

Course Units

BLKEBF001 Establish a blockchain framework for decentralised peer to peer consensus and innovation

.

BLKDBM002 Develop a blockchain business model

BLKFRS003 Develop a blockchain network functional requirements specification

BLKSMC004 Create trust and activate a blockchain with smart contracts

BLKOBN005 Develop a framework for operating a blockchain network

BLKSNW006 Develop a strategic network framework for interoperability

BLKTBO007 Prepare the organisation for transitioning operations to a blockchain network

BLKERE008 Develop a blockchain governance model for stewardship

BLKRFB009 Lead recruitment strategy for blockchain projects

BLKPER010 Analyse performance of a business model deployed on a blockchain

ADVANCED DIPLOMA OF APPLIED BLOCKCHAIN 10747NAT

Graduates of the course will be able to perform the following functions and specialist tasks:

- Generate disruptive business models through applying blockchain technologies
- Apply 'Blue Ocean Strategy' filters to strategic planning and disruptive business model generation
- Activate blockchain networks through the application of Smart Contracts
- Build strategic networks that facilitate interoperability of the blockchain networks with legacy systems and off-chain systems, as well as data oracles
- Effectively transition organisational systems and networks to a blockchain ecosystem
- Evaluate blockchain network performance and alignment to the planned business model.

Course Outcomes

Upon successful completion of this course, you will be awarded the nationally recognized 10747NAT Advanced Diploma of Applied Blockchain qualification. Graduates can also apply to become Associate Fellows of Blockchain Australia

AFTER THE COURSE

OPPORTUNITIES AWAITS...

THEN

WHAT?

BLOCKCHAIN JOB OPPORTUNITIES

The Advanced Diploma for Applied Blockchain is the first course that addresses the need of blockchain professionals, creating an equal opportunity for everyone who wants to pursue the field of blockchain technology. Here are the job opportunities that await you.

Blockchain Developer

Blockchain Solution Manager

Blockchain Project Architect

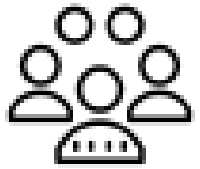
Blockchain Quality Engineer

Crypto Brokers/Consultant

Blockchain Legal

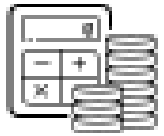
OTHER CAREER OPPORTUNITIES IN BLOCKCHAIN

Developing a framework and creating solutions in the blockchain industry is just one of the opportunities for those who hold a Diploma in Applied Blockchain. Here are the other opportunities for blockchain professionals.



Public Relations

Accounting



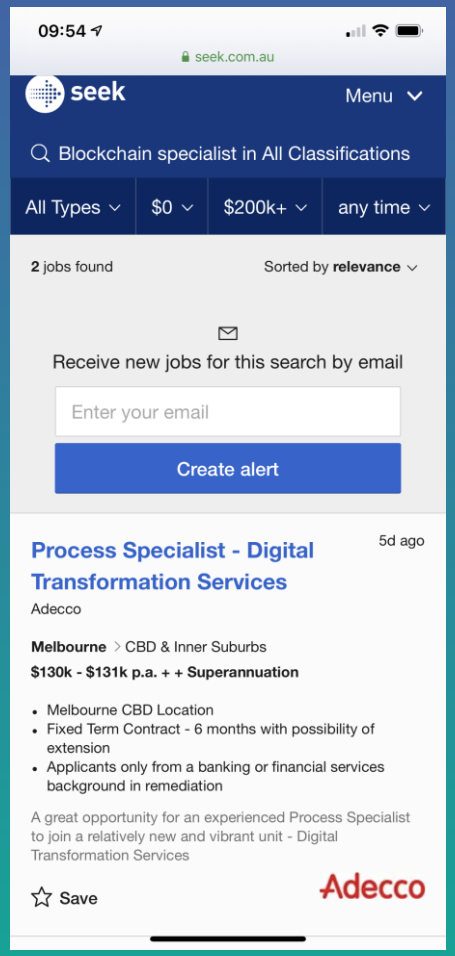
Marketing

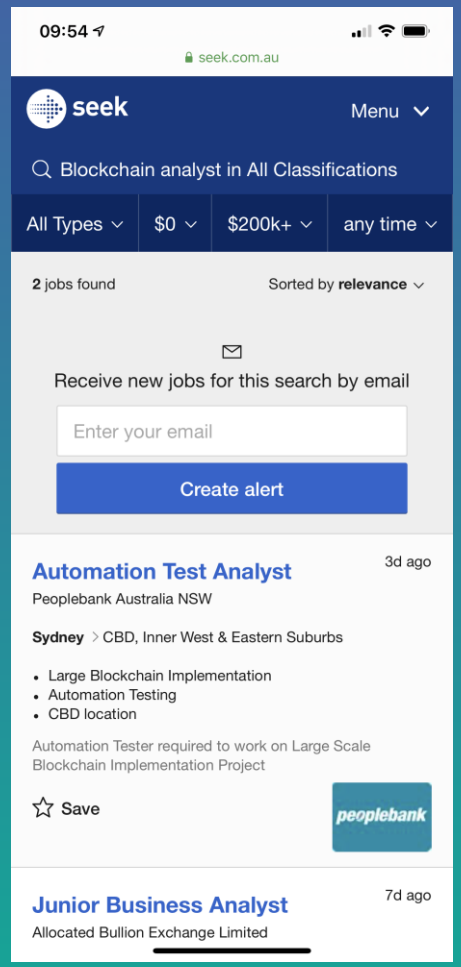
Crypto journalists

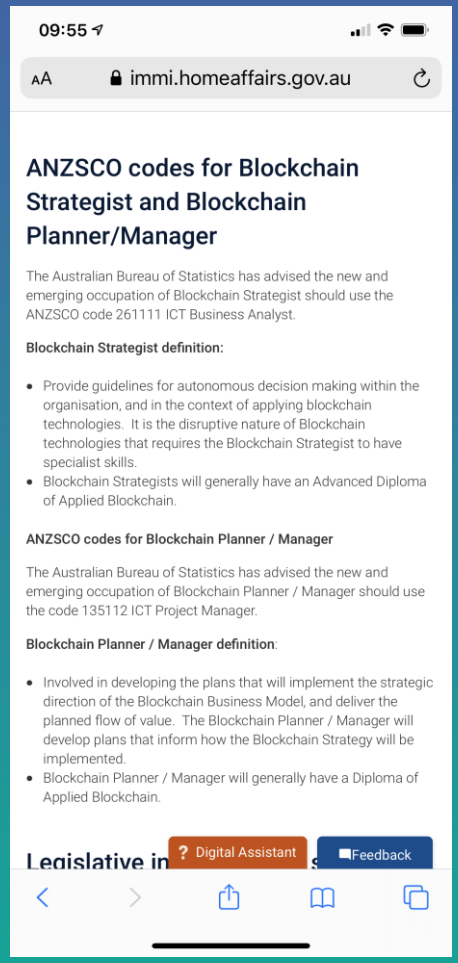
Managers

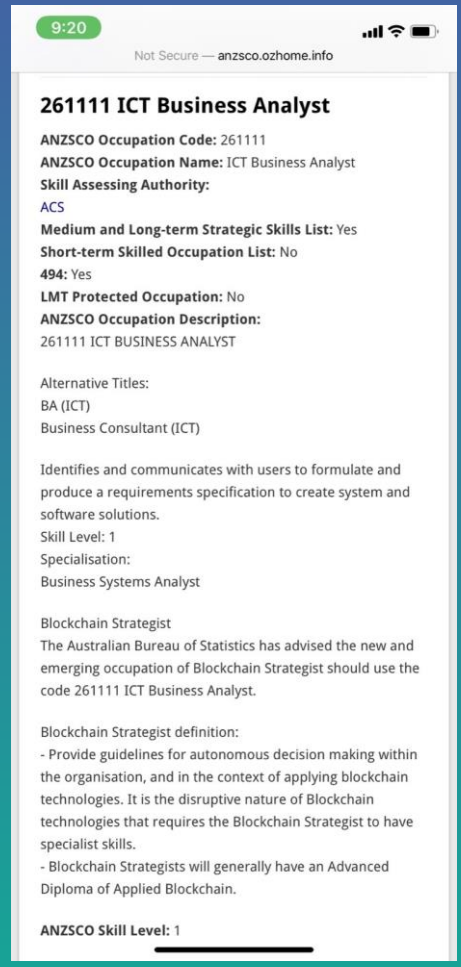
Analysts

SAMPLE REFERENCES OF JOB OPPORTUNITIES AND PATHWAY









FOR MORE INFO, ENROLMENT OPTIONS OR TO APPLY FOR STUDENT VISA, FEEL FREE TO CONTACT US.

APPLIED BLOCKCHAIN