



Blockchain Collective



Diploma of Applied Blockchain

Develop skills in emerging technology and take your career to the next level. Attain the knowledge and experience to effectively apply blockchain frameworks to new and legacy businesses.



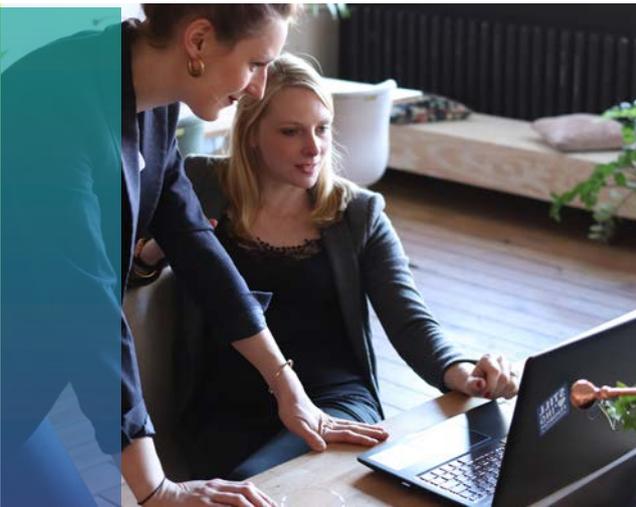
WHO IS THIS PROGRAM FOR?

The Diploma of Applied Blockchain 10849NAT prepares graduates with career-level skills and knowledge empowering them with a range of skills, from planning for a blockchain business model, analyzing the performance of a business model deployed on blockchain, to preparing an organisation for transitioning their operations to a blockchain network.

Emerging technologies underpin the digital revolution that is sweeping the globe. Global markets are undergoing a digital transformation. In the next decade, the majority of jobs will become digital, human power will be transferred into machine operation.

Our courses are non-technical, designed for individuals looking to secure a 'career of the future' and want to be ahead of the curve.





STUDY OPTIONS

ONLINE:

Our courses are delivered through an online learning platform with live, scheduled instructor-led virtual classroom sessions. The user-friendly learning management system (LMS) hosts all of the learning resources, videos, learner guides, and assessment criteria. This delivery method provides a flexible learning environment for students anywhere in the world and is preferred by people who lead a busy life.

Duration:

Self-paced 9-12 months
Expect 15-20 hours study per week

ON CAMPUS:

The course is delivered through Registered Training Organisations (RTO's) who are regulated by ASQA, the Australian Skills Quality Authority and the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS)

Duration:

Full time 12 months

**International students who require a CRICOS Student visa are not eligible for online enrolment

PREREQUISITES

Must be 18 years+, have completed year 12 or equivalent.

RECOMMEND ENTRY REQUIREMENTS

Business planning and operations understanding.
Experience at management level.
Fluent in the english language with high-level literacy and numeracy.
Able to prepare written reports.

WHY STUDY BLOCKCHAIN FOR BUSINESS?

Blockchain is one of the fastest growing emerging technologies, underpinning the world of the new digital economy. Distributed ledger technology is providing new ways of doing business and creating a demand for greater digital literacy. The rapid push towards Web 3.0 provides a wide range applications across all industries and is reshaping many aspects of government and enterprise globally.

Labour reports for Global and Australian markets indicate over 200% year-on-year Growth. With approximately 50% of the skills demand coming from the strategic focus (Business, Economic, financial, legal, IT, ethical and strategic) for all industry sectors.

(source)

DEVELOP WORLD-LEADING DIGITAL BUSINESS CAPABILITY

Be on the forefront of emerging technologies and how they can be utilised

Demand for employees with blockchain capabilities is skyrocketing, with a 40% rise in blockchain related roles.

(LINKEDIN, 2019)

DRIVE PRODUCTIVITY WITH EXISTING INDUSTRIES

Learn to plan and implement blockchain solution business models.

The global blockchain industry is expected to grow to US \$23.3 billion by 2023.

(BLOCKCHAIN MARKET BY PROVIDER, APPLICATION, ORGANIZATION SIZE, INDUSTRY VERTICAL, AND REGION – GLOBAL FORECAST TO 2023, 2019)

CREATE FUTURE ENTERPRISE OPPORTUNITIES

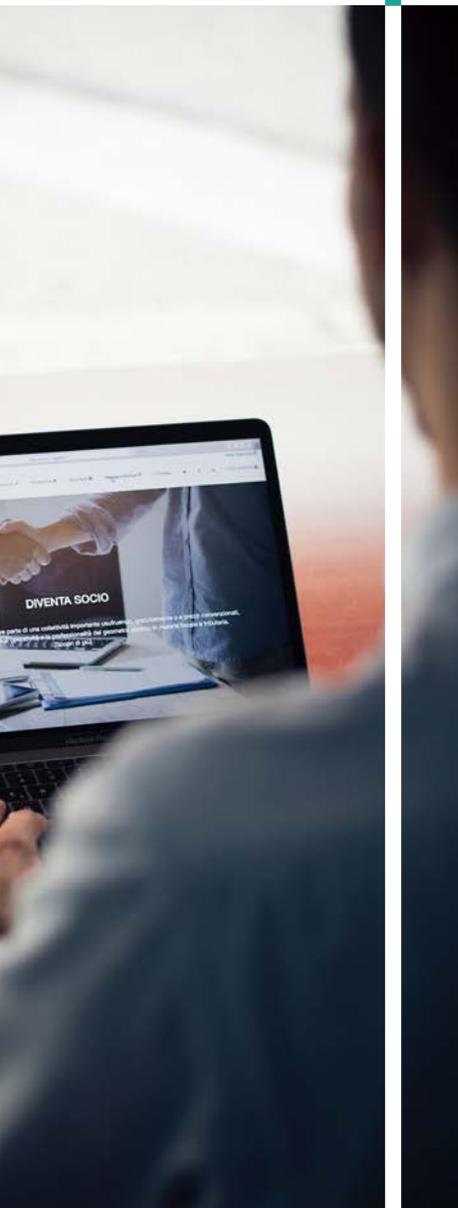
Utilise smart contracts and apply framework operation strategies

Businesses are naming blockchain as one of the top 5 priorities, increasing to 53% in 2019.

(DELOITTE 2019 GLOBAL BLOCKCHAIN SURVEY, 2019)

INDUSTRY DRIVERS

- Exponential growth and recognition of blockchain
- Government and enterprise adoption
- Technological advancements
- Demand for trained people
- Need for developing strategy around emerging technologies
- Ability to manage risk when applying blockchain



WHAT WILL YOU LEARN

The course is pragmatic and designed around a project-based assessment tasks. The learning materials and resources are structured formatively to establish strong foundational knowledge and progressively layer a deeper understanding of blockchain technology.



Blockchain Business Development Plan

Learn to plan and implement a Blockchain Business Model

Utilise smart contracts on the blockchain and apply framework operations strategies.



Blockchain Operation Strategy



Blockchain Terminology and Applied Concepts

Introduction to applied blockchain terminology and fundamentals of applied blockchain concepts

Apply big data to blockchain marketing strategies



Big Data and Blockchain



Blockchain and AI

Learn to apply blockchain to the internet of things and the implementation of Artificial intelligence.

How to apply the tenets of blockchain to create value.



Tenets of Blockchain



ENTRANCE REQUIREMENTS

Must be 18 years+, have completed year 12 or equivalent.

ENGLISH PROFICIENCY

International students are required to provide current evidence of English language proficiency for admission.

You can provide your results from one of these four options:

1. Copy of any international English test results (e.g. IELTS / TOEFL / PTE);
2. Proof that the student has successfully completed an English Language course with an Australian educational institution exiting at an upper Intermediate level;
3. Statement from educational institution or similar evidence that confirms that English was the language of instruction, if at least five years' studies completed in Australia, UK, USA, Canada, New Zealand, South Africa or Republic of Ireland.
4. Official confirmation that the student has successfully completed in Australia in the English language either; the Senior Secondary Certificate of Education or studies at the Certificate IV or higher level, in the two years before applying for the student visa.

Australian Student Visa

The Diploma of Applied Blockchain is delivered through CRICOS approved Registered Training Organisations who are regulated by ASQA, the Australian Skills Quality Authority and the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).



COURSE OVERVIEW



The 108049NAT Diploma of Applied Blockchain consists of six units and the option of two out of three elective units. It's complexity covers topics such as; planning for a blockchain business model, analyzing the performance of a business model deployed on blockchain, and preparing an organisation for transitioning operations to a blockchain network.

Core Units

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

NAT10849001 Apply the tenets of blockchain to create value.

NAT10849002 Plan for a blockchain business model implementation.

NAT10849003 Plan for disintermediation within a blockchain business model.

NAT10849004 Develop a blockchain team business model.

NAT10849005 Apply Big Data to blockchain marketing strategies.

Elective Units

NAT10849006 Develop blockchain governance policy

NAT10849007 Apply blockchain to the Internet of Things

NAT10849008 Apply blockchain to support Artificial Intelligence

CORE UNITS

Unit 1

ESTABLISH A BLOCKCHAIN FRAMEWORK FOR DECENTRALIZED PEER TO PEER CONSENSUS AND INNOVATION

UNIT OVERVIEW

The unit includes the performance outcomes, skills and knowledge required to: Establish a blockchain framework that supports decentralised peer-to-peer consensus and innovation in organisations and industry sectors.

LEARNING OUTCOMES

- Research system requirements
- Design a blockchain solution
- Establish potential for disintermediation
- Establish the limitation of the blockchain
- Establish user value
- Identifying opportunities for innovation

On successful completion of the assessment tasks, you will have demonstrated your ability to explain blockchain terminology, how blockchains work in practice, the technical and non-technical limitations of blockchain, and identify potential for disintermediation and opportunities for innovation created through the application of blockchain technologies.



Unit 2

APPLY THE TENETS OF BLOCKCHAIN TO CREATE VALUE

UNIT OVERVIEW

This unit describes the skills and knowledge required to apply the tenets of a blockchain and their relationship to value creation within the business model.

LEARNING OUTCOMES

- Establish applicable tenets of blockchain technology
- Create added value through blockchain technology
- Prepare and present a blockchain based business model

On successful completion of the assessment tasks, you will have demonstrated your ability to interpret the tenets of blockchain to analyse business models for the potential to create value by applying blockchain technology.



Unit 3

PLAN FOR A BLOCKCHAIN BUSINESS MODEL IMPLEMENTATION

UNIT OVERVIEW

This unit describes the skills and knowledge required to plan and gain approval for the implementation of a disruptive blockchain business model in an organisation.

LEARNING OUTCOMES

- Scope a blockchain business model implementation
- Prepare for organisational readiness
- Develop the approved implementation plan

On successful completion of the assessment task you will have demonstrated your ability to define the scope of a blockchain business model implementation, prepare for organisational readiness and plan for a disruptive blockchain business model implementation.



Unit 4

PLAN FOR DISINTERMEDIATION WITHIN A BLOCKCHAIN BUSINESS MODEL

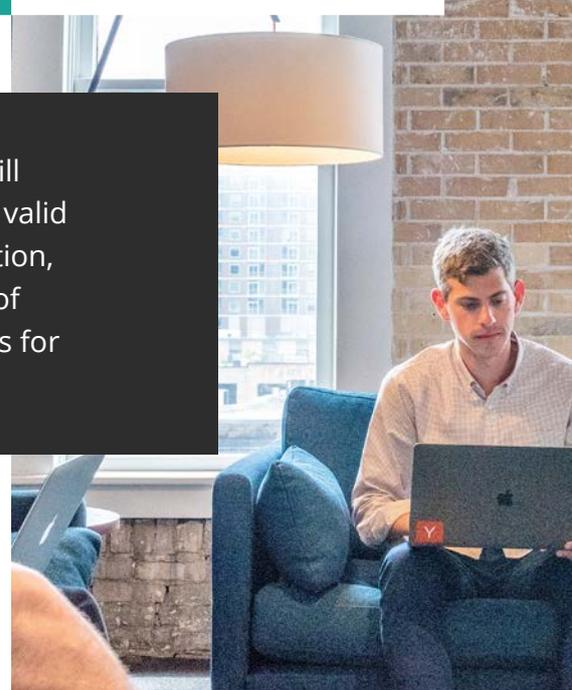
UNIT OVERVIEW

This unit describes the skills and knowledge required to plan for the impacts of disintermediation enabled through the implementation of a blockchain network.

LEARNING OUTCOMES

- Identify and evaluate valid intermediaries and opportunities for disintermediation
- Determine operational readiness
- Develop a disintermediation plan
- Create a smart contract specification

On successful completion of the assessment task you will have demonstrated your ability to identify and evaluate valid intermediaries, identify opportunities for disintermediation, determine operational readiness for disintermediation of middlemen and to develop a plan to effect opportunities for disintermediation.



Unit 5

DEVELOP A BLOCKCHAIN TEAM BUSINESS MODEL

UNIT OVERVIEW

This unit describes the skills and knowledge required to develop a team business model that aligns team operations with a blockchain business model.

LEARNING OUTCOMES

- Develop team awareness of the blockchain business model
- Use the business models to strengthen teamwork
- Design a team business model

On successful completion of the assessment task you will have demonstrated your ability to breakdown a blockchain business model, use business models to strengthen teamwork and design a team business model.



Unit 6

APPLY BIG DATA TO BLOCKCHAIN MARKETING STRATEGIES

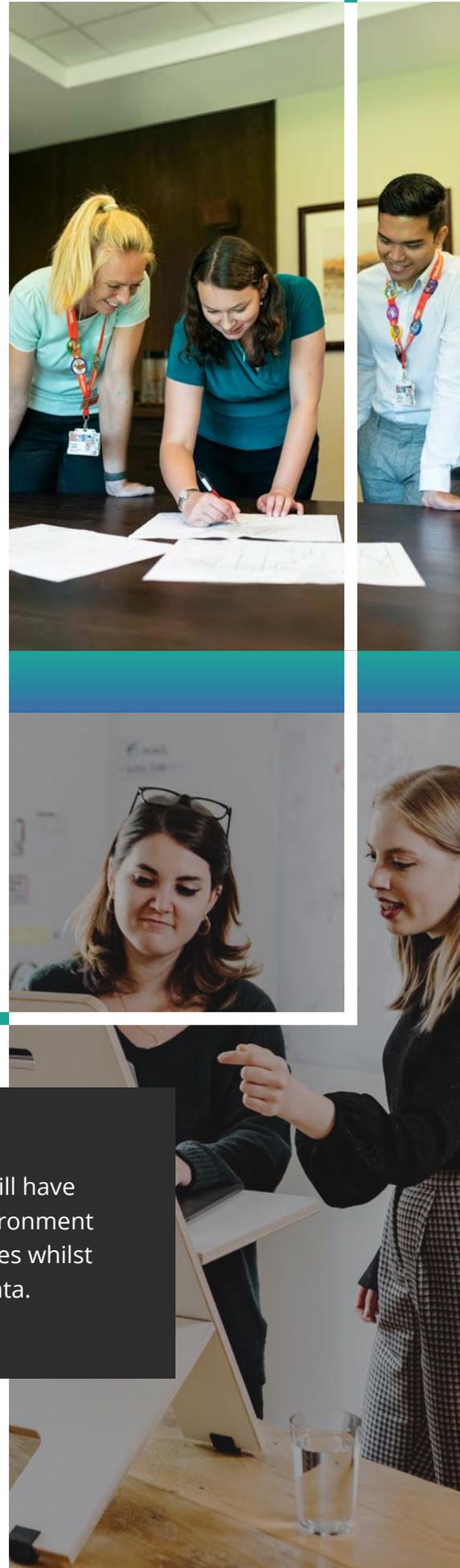
UNIT OVERVIEW

This unit describes the skills and knowledge required to identify and apply Big Data to enable marketing strategies within a blockchain ecosystem.

LEARNING OUTCOMES

- Determine the blockchain marketing environment
- Develop value through Big Data
- Apply big data marketing strategies

On successful completion of the assessment task you will have demonstrated your ability to assess the blockchain environment and apply Big Data to the creation of marketing strategies whilst maintaining regulatory compliance and ownership of data.



ELECTIVE UNITS

Unit 7

WORK WITHIN A BLOCKCHAIN NETWORK GOVERNANCE ECOSYSTEM

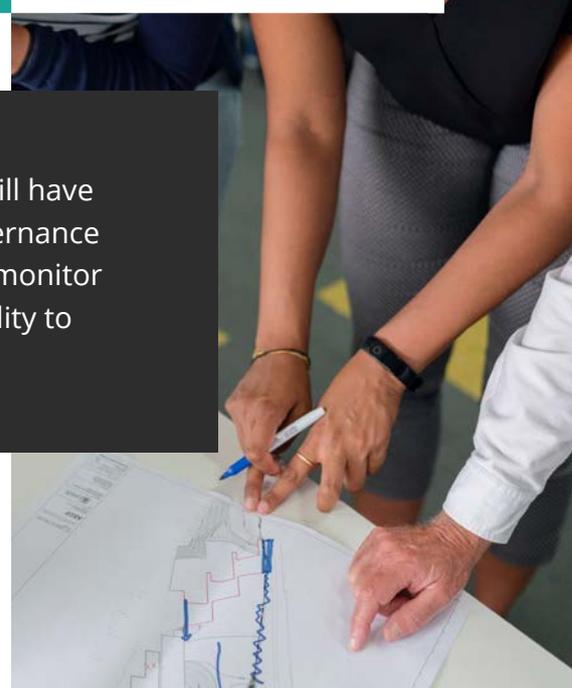
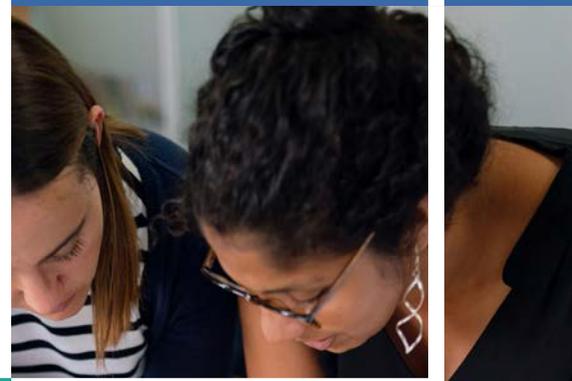
UNIT OVERVIEW

This unit describes the skills and knowledge required to develop, monitor and maintain governance policy within a blockchain network that responds to the operations and regulatory environment that the blockchain serves.

LEARNING OUTCOMES

- Develop a blockchain network governance policy
- Monitor performance of the blockchain network governance policy
- Respond to changes in regulatory environments

On successful completion of the assessment task you will have demonstrated your ability to develop policy for the governance and stewardship of a blockchain network, strategies to monitor the performance of the governance policies and the ability to respond to changes in regulatory environments.



Unit 8

APPLY BLOCKCHAIN TO THE INTERNET OF THINGS

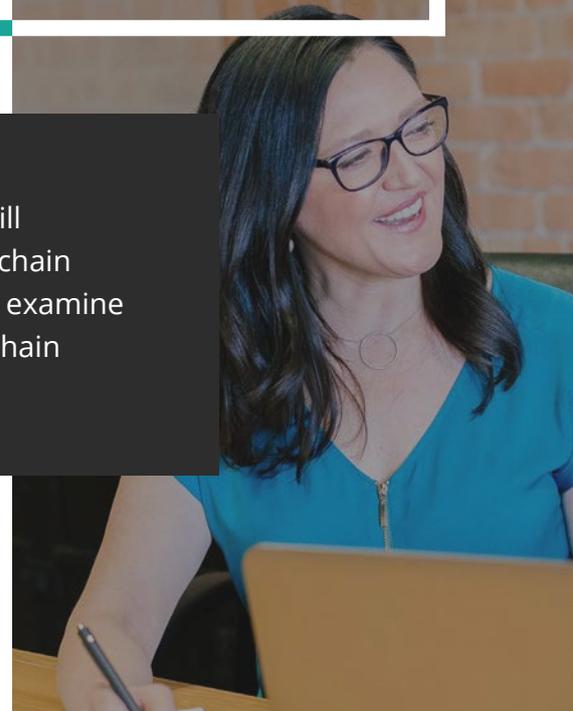
UNIT OVERVIEW

This unit describes the skills and knowledge required when applying blockchain technologies to the Internet of Things (IoT).

LEARNING OUTCOMES

- Use blockchain technologies
- Analyse the anatomy of an IoT device
- Apply big data

On successful completion of the assessment task you will have demonstrated your ability to evaluate how a blockchain network can function within the Internet of Things (IoT), examine the anatomy of an IoT device, apply Big Data and blockchain technologies to the Internet of Things (IoT).



Unit 9

APPLY BLOCKCHAIN TO SUPPORT AND ACTIVATE ARTIFICIAL INTELLIGENCE

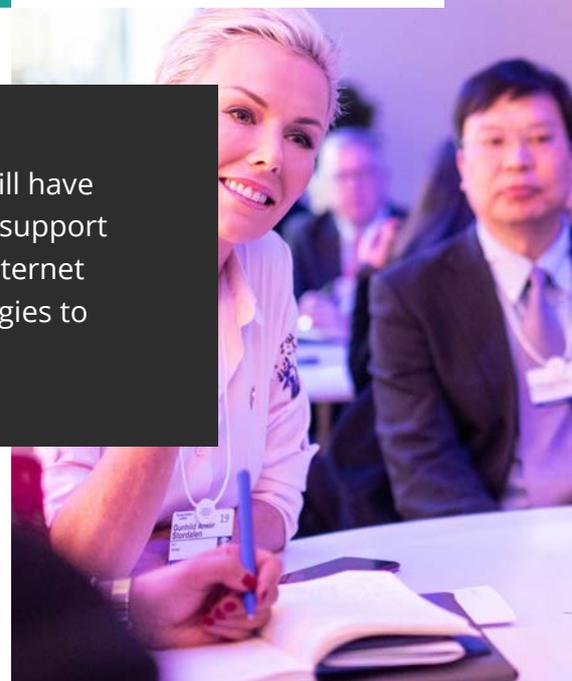
UNIT OVERVIEW

This unit describes the skills and knowledge required to apply blockchain technologies to support Artificial Intelligence (AI) deployed through the Internet of Things (IoT).

LEARNING OUTCOMES

- Develop predictive decision making models
- Activate Artificial Intelligence
- Merge Machine Learning with Artificial Intelligence

On successful completion of the assessment task you will have demonstrated your ability to apply machine learning to support artificial intelligence, apply artificial intelligence to the internet of things to create value, and apply blockchain technologies to support artificial intelligence.





HOW TO GET STARTED

Starting your journey in a career in Blockchain is a simple 3 step process.

Step 1 Chat to an Education Consultant.

Our Education Consultants have all the information you will need to choose the best course and study options for you. They will be able to answer any questions you have about the course or the enrolment process.

Call +61 (7) 3186 1013 during business hours or send us an email at info@bccollective.io.

Step 2 Fill out enrolment documentation.

Simply fill out the enrolment form and send us the required documents to be processed and approved.

Step 3 Wait to hear from us.

Once we approve your eligibility we will send you your enrollment details.



WHO ARE BLOCKCHAIN COLLECTIVE

Blockchain Collective is a leader in developing accredited blockchain and emerging technology qualifications and is setting an international benchmark standard, for the application of blockchain in a business context.

The Diploma of Applied Blockchain 10849NAT was designed for individuals seeking to transition into a career inside the blockchain field. It will prepare you to work across a variety of sectors and take the lead in a range of in-demand roles.

Course material is developed in conjunction with Blockchain Australia and approved by ASQA



Blockchain Collective

