BLKN 205 Blockchain Theory & Practice

ALTHASH UNIVERSITY

MICROCREDENTIAL AWARDED TO

Muhadjir NGOMNA

Specific Learning Objectives:
Define blockchain technology and explain its underlying principles. (Knowledge)
Identify key components of a blockchain, such as blocks, nodes, and consensus mechanisms. (Comprehension)
Compare and contrast the advantages and disadvantages of different consensus mechanisms, like Proof of Work and Proof of Stake. (Analysis) Classify various types of blockchain technologies based on their features and functionalities. (Application). Examine the historical development of blockchain technology, focusing on the emergence of Bitcoin. (Analysis) Investigate the current state of blockchain adoption across different industries. (Analysis)
Evaluate the potential impact of blockchain technology on traditional financial systems. (Evaluation)
Demonstrate an understanding of how blockchain technology can be applied to supply chain management. (Application)
Analyze the role of blockchain in healthcare and its potential benefits. (Analysis)
Explain the concept of tokenization and its application in the context of precious metals. (Comprehension)

In partial fulfillment of the requirements for the nanodegree of

Blockchain Studies (CSC - BSTUD)

(4.5 Clock Hours) (80% Passing Score)

11 Jul 2025

Verification ID: **68716156c34cb007b70d34e8**

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