

Blockchain Basics

By Coursera

15/07/2020 (Completed “Hashing” lesson and took quiz on that lesson)

The image shows two screenshots from the Coursera website. The top screenshot displays the 'Hashing' video lesson interface. The left sidebar lists course content: Public-Key Cryptography, Hashing (with sub-items: Video: Hashing (5 min), Reading: (OPTIONAL) Resources: Hashing (30 min), Practice Quiz: Self-Check (4 questions)), Transaction Integrity, Securing Blockchain, and Week 3 Evaluation: Algorithms & Techniques. The main area shows a video player for the 'Hashing' video, which is paused at 0:49 / 5:54. The bottom screenshot shows the 'Self-Check' quiz results. It displays a green banner with 'Congratulations! You passed!' and 'GRADE 100%'. Below this, the quiz questions are listed. Question 1 asks 'What is one of the requirements of secure hashing function?' with four options: 'It is log function', 'It is an ECC function', 'It is a secret function', and 'It is a one way function'. The correct answer is 'It is a one way function'. Question 2 asks 'What type of hash is used when there is a fixed number of items to be hashed, such as the items in a block header, and we are verifying the composite block integrity?'. The interface also shows 'TOTAL POINTS 4' and '1 / 1 point' for each question.

Hashing

Public-Key Cryptography

Hashing

- Video: Hashing (5 min)
- Reading: (OPTIONAL) Resources: Hashing (30 min)
- Practice Quiz: Self-Check (4 questions)

Transaction Integrity

Securing Blockchain

Week 3 Evaluation: Algorithms & Techniques

Save Note Discuss Download

Self-Check

Practice Quiz • 30 min

✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE 100%

Self-Check

TOTAL POINTS 4

1. What is one of the requirements of secure hashing function? 1 / 1 point

- ☐ It is log function
- ☐ It is an ECC function
- ☐ It is a secret function
- ☒ It is a one way function

✓ **Correct**

Correct!

2. What type of hash is used when there is a fixed number of items to be hashed, such as the items in a block header, and we are verifying the composite block integrity? 1 / 1 point