STAR CERTIFICATION

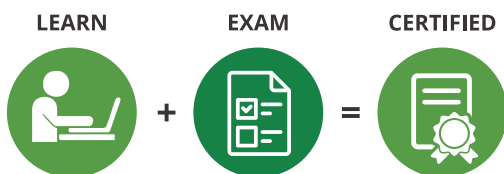*Vendor-Neutral Global IT Certifications*

Star Expert Blockchain Specialist

Learn The Record Keeping Technology

Behind

Cryptocurrency

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STAR

SEBS

Star   Expert Blockchain Specialist

Exam Code: S08-512

LEARN	EXAM	CERTIFIED

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✉ info@starcertification.org

Star Expert Blockchain Specialist

Star Expert Blockchain Specialist is a comprehensive course that primarily focuses on the blockchain technology and explains why a shift to digital currency matters. This course addresses the important questions about Bitcoin and private Ethereum , such as: How does the blockchain technology work? What makes it different? How secure are Bitcoins? How to mine Bitcoins? This course would be a great source of information for students and professionals who would like to dive into the world of cryptocurrencies.

The SEBS program helps the learners acquire a fundamental understanding of the blockchain technology, blockchain for Bitcoins and other applications like setting up smart contracts. Further, this program explains how to set up Bitcoin wallets, transactions, and security of Bitcoins. The purpose of the program is to help the learners master the skills they need to establish a successful career as a blockchain developer in this dynamic space. The course deconstructs the blockchain technology and covers all the basic and advanced concepts including cryptocurrency, cryptography, Bitcoin ecosystem, Bitcoin design, Bitcoin mining, Bitcoin security, ALT Coins and Dapps.

Audience: The course assumes that learner is an IT professional with some experience in programming, knowledge of basic mathematics and cryptocurrency.

Course Objectives:

In this course, you will learn about:
* Basics of Blockchain and how to leverage the technology
* Essentials of Bitcoin
* Cryptography and Cryptocurrency
* Mining Bitcoins
* Blockchain challenges
* Bitcoin security
* Private Ethereum: Installation and Solidity Programming

Course Outcome :

After completing this course, you will be able to:
* Understand the Blockchain technology, its benefits and challenges
* Describe the cryptocurrency like Bitcoin
* Create a Bitcoin network
* Demonstrate the ability to mine Bitcoins
* Explain Bitcoin security practices
* Perform a Bitcoin transaction
* Discuss Altcoins and Dapps

Course Outline :

* Introduction to Blockchain Technology
* Introduction to Bitcoin
* Cryptography and Cryptocurrency
* Bitcoin Anatomy
* Bitcoin Mining
* Bitcoin Security
* Bitcoin Markets
* Altcoins and Dapps

* Blockchain Beyond Bitcoins and Challenges
* Private Ethereum: Installation and Solidity Programming

Labs:
* Lab 1: Bitcoin Clients
* Lab 2: Demonstration of Cryptography
* Lab 3: Bitcoin Private Network Setup
* Lab 4: Transactions.
* Creating Your Own Bitcoin Network

Exam Information:

Exam Code	:	S08-512	Exam Pattern	:	Multiple Choice
Exam Duration	:	2 Hrs	Exam Delivery	:	AEPTC (ACADEMIC EDUCATION & PROFESSIONAL TESTING CENTER)
Passing Score	:	70%			

Course Duration : 40 Hrs