

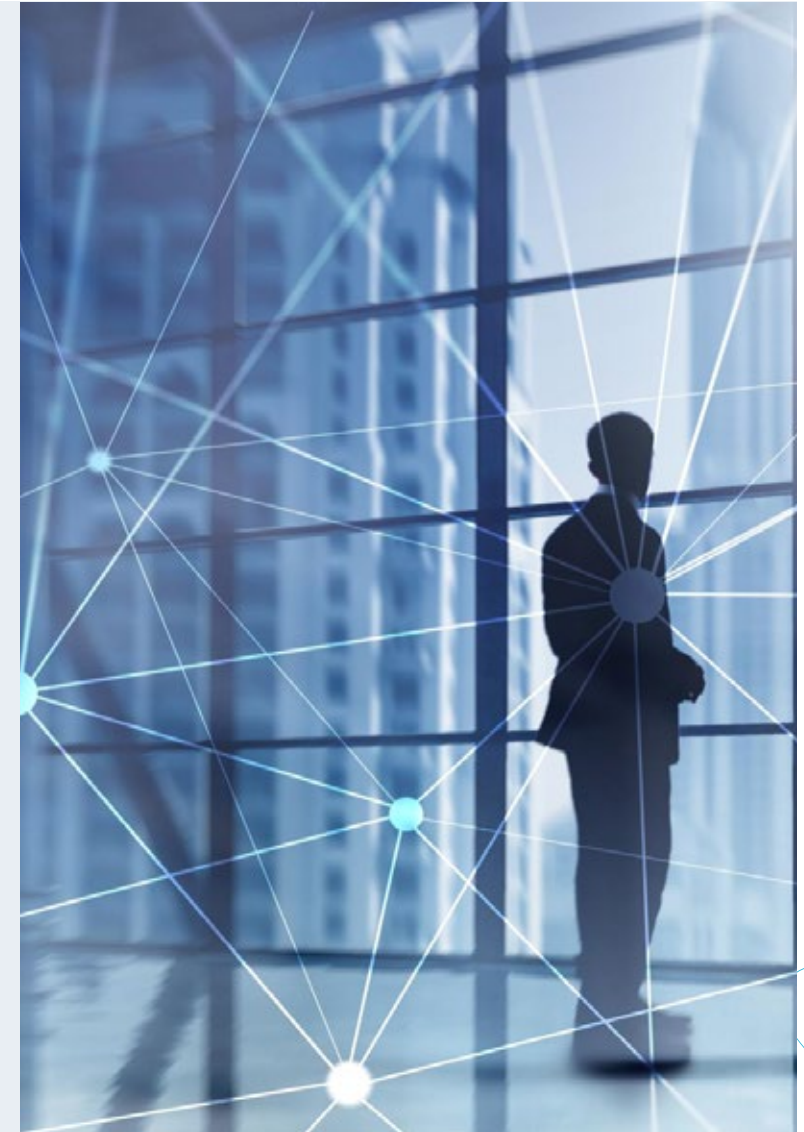
ENGLISH CODE BLOCKCHAIN

INTEGRATOR - Module 1



CONTEXTUALIZATION OF MY LEARNING

In this comprehensive module, participants will delve into a diverse range of fundamental blockchain-related concepts, with a particular focus on the nuanced realm of security measures, vulnerabilities, and audits within the context of smart contracts. The program places substantial emphasis on fostering a holistic understanding of both frontend and backend development aspects intrinsic to decentralized applications. By bridging the gap between user experience, interface design, and the intricate backend logic that propels these systems, learners will acquire a well-rounded skill set crucial for navigating the complexities of blockchain technology. Additionally, the module introduces participants to the pivotal concepts of tokens and crypto assets, shedding light on their digital characteristics and fungibility. Exploring the dynamics of Initial Coin Offerings (ICOs) and Security Token Offerings (STOs) will be central to this learning experience, providing participants with a comprehensive overview of these essential elements within the dynamic landscape of blockchain and cryptocurrency domains.



General objective

UNIT 1

- Gain a thorough understanding of crucial blockchain concepts, emphasizing security measures, vulnerabilities, and audits in the context of smart contracts.
- Acquire insights into the digital nature and fungibility of tokens and crypto assets, while also exploring the dynamics of Initial Coin Offerings (ICOs) and Security Token Offerings (STOs) in the blockchain and cryptocurrency domains.

SKILLS TO DEVELOP

- Linguistic competence.
- Pragmatic competence.
- Sociolinguistic competence.
- Topical competence

Linguistic competence: The ability to understand and use the rules and structures of a language accurately, including grammar, vocabulary, and syntax.

Pragmatic competence: The ability to use language appropriately in various social contexts, considering factors such as cultural norms, implied meaning, and the speaker's intentions.

Sociolinguistic competence: Understanding and applying the social and cultural aspects of language use, including variations based on factors like age, gender, ethnicity, and socio-economic status.

Topical competence: Proficiency in discussing and understanding specific subject matters or topics, demonstrating knowledge of relevant vocabulary, concepts, and terminologies.

UNIT 1

Execution time: 4 hours.

APPROACH OF THE SESSION

- 1) Socialize the technology idiom of the day.
- 2) Discuss questions previous to the reading activity.
- 3) Explain what the scanning strategy is.
- 4) Socialize key words about "Smart Contracts Revolution: A Guide to Blockchain Integration"
- 5) Reading comprehension #1: "Smart Contracts Revolution: A Guide to Blockchain Integration"
- 6) Kahoot activity
- 7) Before the reading activity, explain the inference reading comprehension
- 8) Socialize key words about "Smart Contracts Redefined: Innovations in Blockchain Technology"
- 9) Reading comprehension #2: "Smart Contracts Redefined: Innovations in Blockchain Technology"
- 10) Inference multiple choice activity.
- 11) Socialize key words about "How to develop secure and optimized blockchain smart contracts?"
- 12) Reading comprehension #3: "How to develop secure and optimized blockchain smart contracts?"
- 13) True/False activity.
- 14) Socialize key words about "Smart Contract Security: Best Practices and Considerations"

MATERIALS

- Reading comprehension #1: "Smart Contracts Revolution: A Guide to Blockchain Integration"
- Kahoot activity
<https://create.kahoot.it/details/f94e01d6-7d95-4d5e-aa7d-9ed76961b7a4>
- Reading comprehension #2: "Smart Contracts Redefined: Innovations in Blockchain Technology"
- Reading comprehension #3: "How to develop secure and optimized blockchain smart contracts?"



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