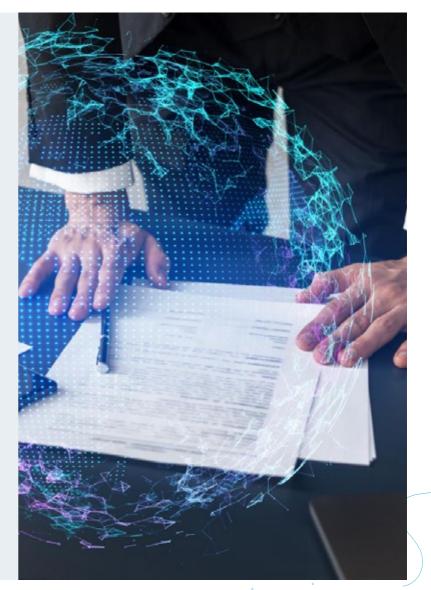# CONTEXTUALIZATION OF MY LEARNING

In this course, we delve into the fascinating realm of smart contracts and their pivotal role in automating and executing transactions based on predefined programming logic and conditions. Smart contracts, powered by blockchain technology, represent a revolutionary approach to conducting agreements and transactions in a trustless and decentralized manner. As we explore the intricacies of smart contracts, students will gain a profound understanding of how these self-executing contracts function, utilizing if-then statements encoded within their underlying code to autonomously facilitate and enforce the terms of agreements. Through practical examples and theoretical discussions, learners will grasp the significance of smart contracts in various sectors, including finance, supply chain management, and legal services. By unraveling the complexities of how smart contracts operate, students will be equipped with invaluable insights into the future of automated transactions and the transformative potential they hold for industries worldwide.

General objective

UNIT 4

- Provide students with a comprehensive understanding of smart contracts and their role in automating and executing transactions based on predefined programming logic and conditions.

- Equip students with the knowledge and skills necessary to comprehend the operation of smart contracts, recognize their applications across industries, and appreciate their transformative potential in facilitating trustless and decentralized transactions.

SKILLS TO DEVELOP

- Linguistic competence. - Pragmatic competence. - Sociolinguistic competence. -Topical Competence.	**Linguistic competence:** -Learners can develop their linguistic competence by engaging with course materials written in English, which will enhance their reading comprehension skills. -They will encounter specialized vocabulary related to blockchain technology and smart contracts, expanding their technical vocabulary in English. -Through written assignments and discussions, students can practice expressing complex concepts related to smart contracts, improving their written communication skills in English. **Pragmatic competence:** -By studying real-world examples and case studies, learners can develop their pragmatic competence by understanding how language is used in context within the realm of smart contracts. -They will analyze how language choices affect the interpretation and execution of smart contracts, honing their ability to use language effectively to achieve specific outcomes. **Sociolinguistic competence:** -Engaging with discussions on the societal impact of smart contracts, learners can develop sociolinguistic competence by exploring how language reflects and shapes social norms and power dynamics. -They will examine how cultural factors influence the development and adoption of smart contracts, deepening their understanding of language variation and cultural context in English. **Topical Competence:** -Through in-depth study of smart contracts, learners can develop topical competence by acquiring specialized knowledge and terminology related to blockchain technology and decentralized finance. -They will explore current trends and developments in the field of smart contracts, staying informed about emerging technologies and innovations.

UNIT 4: How smart contracts automate and execute based on predefined programming logic and conditions?

Execution time: 4 hours.

APPROACH OF THE SESSION

1) Socialize the technology idiom of the day.

2) Crossword about smart contracts.

3) Watch the video: "Smart contracts for beginners".

4) Discussion questions about the previous video.

5) Multiple-choice activity about the video.

6) True/ false questions about the video "Smart Contracts for beginners".

7) Before the reading activity, explain what reading in context is.

8) Reading: "What Are Smart Contracts on the Blockchain and How They Work".

9) Complete the sentence with the corresponding words.

10) Multiple choice questions about the previous text.

11) Discuss some keywords of the reading: "Smart Contracts: Taking Back Control Of Our Data And Privacy"

12) Reading: "Smart Contracts: Taking Back Control Of Our Data And Privacy"

13) True/ False activity about the previous reading.

MATERIALS

- Video: "Smart contracts for beginners".

- Reading: "What Are Smart Contracts on the Blockchain and How They Work".

- Reading: "What Are Smart Contracts on the Blockchain and How They Work".

-Reading: "Smart Contracts: Taking Back Control Of Our Data And Privacy".