Understanding Financial Literacy through Decentralized Finance

Course Syllabus

Course Description

The purpose of this professional development course is designed to empower educators with the knowledge and skills needed to teach foundational concepts in economics and finance. Emphasizing the integration of blockchain technology, the course demystifies its complexities, revealing its user-friendly nature compared to traditional financial systems. Participants will gain valuable insights into key financial principles, including money management, governance, public goods, and the intricacies of borrowing and lending, as well as business acumen. By the end of this course, educators will be equipped to effectively convey these crucial concepts to their students, preparing them for a financially literate future.

Course Objectives

At the end of this course you should be able to:

1. Define money, traditional and decentralized finance, and explain their significance in the world.
2. Understand the underlying technology of Defi, including blockchain, smart contracts, and decentralized applications
3. Use blockchain to make collective decisions
4. Analyze the various Defi protocols and platforms, such as Uniswap, Compound, AAVE, and MakerDAO, and how they operate
5. Learn how to teach finance with the basic tools of DeFI
6. Understand how to earn money and get a career in blockchain technology

Modules

- Module 1: What is Money?, Quiz 1
- Module 2: Blockchain Basics, Quiz 2
- Module 3: Setting up a Self Custody-wallet, Quiz 3
- Module 4: Creating a Wallet, Quiz 4
- Module 5: The Blockchain and Public Goods, Quiz 5
- Module 6: Learning and Teaching Finance, Quiz 6
- Module 7: Learning Finance through DeFi, Quiz 7
- Module 8: Getting a Job in the Blockchain Industry, Quiz 8

Grading:

Each quiz must be passed at an 80% or higher (retakes allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course.