XCELERATE TRAINING INSTITUTE
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TRENDING

Decentralized Finance (DeFi) Training Course

DURATION	LANGUAGE	FORMAT
5 days	English	Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
8 – 12 ?????? 2027	Live online	Online (live)	€1?400
15 – 19 ???? 2027	Madrid	Classroom	€5?000
16 – 20 ????? 2027	Live online	Online (live)	€1?400

Register or ask a question

Online: x8ti.com/course/decentralized-finance-defi-training-course-2/

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Decentralized Finance (DeFi) Training Course

Introduction

Decentralized Finance (DeFi) is reshaping the landscape of traditional financial services by utilizing blockchain technology, smart contracts, and decentralized protocols. In contrast to conventional finance systems that rely on intermediaries like banks, DeFi offers a decentralized, peer-to-peer approach to financial transactions. This comprehensive 5-day course will provide a deep dive into DeFi principles, protocols, applications, and challenges.

Learning Objectives

By the end of this course, participants will:

- Gain a robust understanding of DeFi, its key principles, and how it leverages blockchain technology.
- Learn how various DeFi protocols work, including lending, borrowing, and liquidity provision.
- Understand how smart contracts power DeFi applications and remove the need for traditional intermediaries.
- Explore the role of decentralized exchanges (DEXs), yield farming, and the mechanics behind them.
- Assess the risks, security vulnerabilities, and regulatory challenges facing DeFi platforms.
- Investigate the future of DeFi and its potential to disrupt traditional financial sectors.

Benefits for You

- In-Depth Understanding: Gain a deep understanding of how DeFi works, its challenges, and its potential.
- Practical Skills: Acquire hands-on experience with DeFi platforms, including lending, borrowing, and token swapping.
- Security Awareness: Learn how to mitigate risks and secure your transactions on DeFi platforms.
- Investment Knowledge: Discover how DeFi provides new investment opportunities in a decentralized environment.
- Future-Proof Career: Position yourself as an expert in an area of finance that is expected to grow rapidly.

Benefits for Your Organisation

- Stay Ahead of the Curve: Equip your team with the skills needed to navigate the emerging DeFi landscape.
- Innovative Financial Solutions: Leverage DeFi to create new financial products and services.
- Risk Management: Enhance your organization’s understanding of the risks and compliance issues inherent in DeFi platforms.
- Competitive Advantage: Position your organization as a leader in integrating DeFi technologies for a competitive edge.

Training Methodology

To provide a well-rounded learning experience, this course will combine:

- Lectures & Presentations: In-depth explanations of DeFi concepts, mechanisms, and use cases.
- Hands-on Labs: Practical exercises to interact with DeFi platforms, including wallet setups, DEX interactions, and yield farming.
- Case Studies: Real-world examples of successful DeFi platforms and their impact on finance.
- Group Discussions & Debates: Thought-provoking discussions on the advantages, challenges, and future of DeFi.
- Guest Speakers: Industry experts sharing insights on DeFi's current and future trends.
- Assessments: Quizzes, assignments, and peer reviews to ensure a strong grasp of core DeFi concepts.

Who Should Attend

This course is ideal for:

- Financial professionals, including bankers, traders, wealth managers, and investment analysts.
- Blockchain developers and technologists are interested in developing DeFi platforms.
- Investors are seeking to diversify portfolios with DeFi opportunities.
- Regulatory bodies and policymakers seeking to understand the legal and regulatory implications of DeFi.
- Entrepreneurs and business leaders are looking to innovate within the DeFi space.
- Academics and students are exploring the intersection of finance and blockchain technology.

Course Outline

Introduction to Decentralized Finance (DeFi)

- Introduction to blockchain technology and its role in DeFi
- Key components: Blockchain, smart contracts, and the decentralization of finance
- DeFi vs Traditional Finance: Analyzing the differences in structure and operations
- Overview of the DeFi ecosystem and major players

DeFi Protocols and Smart Contracts

- DeFi Protocols: Overview of key protocols (e.g., MakerDAO, Compound, Aave, Uniswap)
- Smart Contracts: The backbone of DeFi and how they automate financial agreements
- Security considerations: Smart contract vulnerabilities and best practices for interaction
- Case Study: Examining successful DeFi lending platforms like Compound and Aave

DeFi Lending, Borrowing, and Liquidity Provision

- How decentralized lending and borrowing work (collateralization, interest rates, risks)
- Liquidity Provision: How liquidity pools work and the importance of liquidity in DeFi
- Yield Farming: What it is, how it works, and the risks involved
- Case Studies: Real-world examples from Uniswap, Aave, and other platforms

Decentralized Exchanges (DEXs) and Token Swapping

- How DEXs operate: Order books vs Automated Market Makers (AMMs)
- How to trade on DEXs like Uniswap, SushiSwap, and PancakeSwap
- Understanding token swapping, slippage, and liquidity
- Risks and Benefits: Comparing DEXs with centralized exchanges
- Hands-On Lab: Participants will interact with DEXs and execute basic trades

Risks, Challenges, and the Future of DeFi

- Security Risks: Smart contract vulnerabilities, flash loan attacks, and rug pulls
- Regulatory and legal challenges facing DeFi platforms
- Mitigation strategies for engaging safely with DeFi protocols
- The future of DeFi: Trends, Layer 2 solutions, insurance, and decentralized governance
- Closing Discussion: Evaluating DeFi's potential to disrupt traditional finance and its evolving regulatory landscape

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Registration Form

Decentralized Finance (DeFi) Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

Payment

☐ Please invoice me ☐ Please invoice my company

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