



DiAM

EFFAS Digital
Assets & MiCA

Examination Syllabus

EFFAS Digital Assets and MiCA

MODULE 1. BLOCKCHAIN TECHNOLOGY AND DIGITAL ASSETS

1.1 Blockchain technology

- Centralised vs. distributed systems
- How Blockchain Works?
- Blockchain protocol vs. TCP/IP protocol
- What are DLTs and how do they relate to Blockchain?
- Smart Contracts
- Where will blockchain be disruptive first?

1.2 Crypto-assets

- Introduction
- How public blockchains work
- Main cryptocurrencies
- Consensus protocols

1.3 Tokenised Assets

- What is tokenisation?
- Types of tokens and main advantages
- Case study: tokenised real estate

MODULE 2. REGULATIONS AFFECTING DIGITAL ASSETS

2.1. Markets in Crypto-Assets (MiCA)

- MiCA analysis: What is it and what does it affect?
- Scope of application
- Legal classifications of crypto-assets
- Crypto-asset issuance rules
- Crypto-asset services

2.2. Pilot Regime

- What are its objectives? Timetable
- New reality. Need for a revised regulatory framework
- Existing constraints
- Transition strategy
- Multilateral Trading Facility in DLT
- Securities Settlement System in DLT
- DLT TSS Trading and Settlement Systems

2.3. AML 5

- Relevant issues
- General obligations
- FATF Recommendations
- Focus on the Travel Rule

MODULE 3. FINANCIAL SERVICES IN CRYPTO ASSETS

3.1. Financial Analysis on-chain

- Introduction to on-chain analysis
- Types of Analysis
- Smart Contracts Platforms
- Conclusions

3.2. Intermediation

- Sale and purchase of digital assets
- Decentralised models (DEX)
- Advance intermediation
- Security risks
- Regulatory approach

3.3. Custody

- Wallets
- Custody

3.4. Financial Vehicles: Investment Funds

MODULE 4. DECENTRALIZED FINANCE AND WEB 3

4.1. DeFi presentation

- What is DeFI?
- Why DeFI?
- DeFI Components
- DeFI Operators

4.2. DeFi protocols

- Differences with the traditional financial system
- Main uses of DeFI
- Conclusions

4.3. Web 3

- What is a wallet?
- Importance and parallels with bank accounts
- What is web3?
- How does the evolution from web2 to web3 happen?

4.4. NFT's and Metaverse

- Starting point
- NFTs
- Legal issues
- Metaverse