

Faculty of Business and Economics

Statistical Consulting Unit

Workshops/Training courses

Fall 2023

"Blockchain for Business and Government"

- **Workshop Fee:** AED 1000
- **Dates:** December 9 & 10, 2023, Saturday & Sunday, 10 AM. - 2 PM.
- **Location:** Al Ain, UAE University Campus, H3 Building (Male Campus)
- **Certificates will be issued for attendants.**
- **Contact us @** statconsult@uaeu.ac.ae

Title: Blockchain for Business and Government

Statistical Software: None

Requirements: None

Instructor: Dr. Gurdal Ertek,

Recipient of Multiple Blockchain Project Awards

<https://ertekprojects.com>

Target Group: Any participant with a university diploma and above. This is a very **non-technical introduction**, so anyone with **any educational background** should be able to follow and benefit from the training.

Date: December 9 & 10, 2023, Saturday & Sunday, 10 am. - 2 pm.

Period: 2 days, 4 hours/session, 8 hours total

Workshop Fee: AED 1000

Platform: Face to face Meeting, with interactive session; participants must bring laptops.

Inclusive of Scientific Materials: PowerPoint Slide Presentation and E-Certificate

Description:

This training provides an introductory overview of **blockchain** technology, as well as **cryptocurrencies** as tokens of value on blockchain networks. The **business and government** applications will be discussed.

The workshop covers key topics from the state of the blockchain industry to Web 3.0, including lessons learned from Web 3.0 projects. Attendees will be given **hands-on learning** through comprehensive and easily-accessible **demos**. The workshop furthermore explores roles and careers in blockchain, as well as understand the risks associated with blockchains. Moreover,

participants will be able to access numerous learning sources to gain further insight into the world of blockchain.

The course has an applied perspective and can be taken by any participant who has university diploma and above. This is a very **non-technical introduction**, so anyone with **any educational background** should be able to follow and benefit from the training.

Topics Covered:

Day 1, Lecture 1: 4 hours

"Introduction to Blockchain Technology"

Definitions

- Asset, Digital Asset
- Single-, double-, and triple-entry accounting
- Blockchain
- Cryptocurrency
- Decentralized Finance (DeFi)
- Blockchain Real-World Use Cases
- Tokenomics

Hands-on Learning

- Create your own blockchain, on paper

Demo

- Be your own bank
- Open your bank & account
- Receive/send digital currencies
- Exchange between digital currencies
- Earn passive income
- Become a VC
- Establish e-commerce store

State of Blockchain Industry

Roles & Careers in Blockchain

Risks of Blockchain

Learning Sources

1. Glossaries
2. Tutorials
3. Investing & insights
4. Trading & Technical Analysis
5. Technology Leaders
6. Finance Professionals
7. Blockchain Programming
8. Daily news

Day 2, Lecture 2: 4 hours

"Introduction to Web 3.0 Decentralized Apps (dApps)

Definitions

- Web 3.0 dApp
- Web 2.0 vs. Web 3.0
- Web 3.0 dApp Architecture
- Web 3.0 Technology Stack
- Hackathon
- Why Web 3.0 / blockchain hackathons?

Sample Web 3.0 dApps

- Blockchain Analytics
- GameFi [Gaming+Finance]
- Video Streaming on Blockchain
- DataFi [Data+Finance]
- Social Good

Lessons Learned from Web 3.0 Projects

Learning Sources

Contact us: statconsult@uaeu.ac.ae

*20% off for UAEU students