

Szkolenie: Compendium CE  
Blockchain - how to do it right


FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	1000 PLN NETTO*	1 dzień
Stacjonarne	Cyfrowe	1000 PLN NETTO*	1 dzień
Stacjonarne	Tablet CTAB	1600 PLN NETTO*	1 dzień
Metoda dlearning	Tradycyjne	1000 PLN NETTO*	1 dzień
Metoda dlearning	Cyfrowe	1000 PLN NETTO*	1 dzień
Metoda dlearning	Tablet CTAB	1000 PLN NETTO*	1 dzień

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## DOSTĘPNE TERMINY

2019-06-17 | 1 dzień | Warszawa

## Cel szkolenia:

During the workshop we go through the basic pitfalls of blockchain. At first, we go through the basics to cover the foundation. To warm up we set up the blockchain and development tools related to it. We show what smart contracts and tokens are. We will strongly focus on dangers and difficulties when using blockchain, and why it should always be supported by classical database. We will implement basic application which stores transaction data in blockchain, supported by a typical database, to handle data which needs to stay mutable.

### Outcomes

- Participants will learn how to setup simple blockchain environment
- Each participant will get familiar with security and data storing issues related to development of blockchain based application

## Plan szkolenia:

- Introduction
  - What blockchain is

- Why it is so trending
- Comparison with classical databases
- Different types of blockchain
- Ethereum blockchain
  - Why it is specific
  - How to setup private blockchain
  - Related development tools
  - Exercise 1
- Smart contracts
  - Introduction to smart contracts
  - Why testing is so important
  - Problems with deployments
  - Explanation of use cases and implications
  - Exercise 2
- Tokens
  - How they work
  - ERC20 standard
  - Status information update
  - Exercise 3
- Data security and scrambling
  - What are the biggest threats when using blockchain
  - Combination of blockchain and classic database
  - Exercise 4
- Example decentralized application
  - Decentralized application structure
  - Approach change
  - Exercise 5

## Wymagania:

- Basic Javascript/Node.js knowledge
- Basic Solidity knowledge
- Affiliation towards blockchain development

## Poziom trudności



## Certyfikaty:

The participants will obtain certificates signed by Compendium CE.

## Prowadzący:

Certified Compendium CE Trainer.